CAMPANALOGIA Improved:

OR, THE

ART OF RINGING MADE EASY,

BY

PLAIN and METHODICAL RULES

AND

DIRECTIONS,

WHEREBY

The INGENIOUS PRACTITIONER

MAY,

With a little PRACTICE and CARE,

ATTAIN TO THE

KNOWLEDGE of RINGING

ALL MANNER OF

DOUBLE, TRIPPLE,

AND

QUADRUPLE CHANGES.

WITH

Variety of New PEALS upon Five, Six, Seven, Eight, Nine, and Ten. As alſo the Method of calling BOBS for any PEAL of TRIPPLES from one Hundred and Sixty-eight to two Thouſand five Hundred and Twenty, being the HALF PEAL: Alſo for any PEAL of QUADRUPLES or CATORS, from Three Hundred and Twenty-four, to eleven Thouſand three Hundred and Forty.

Mus. III. 5. P

The FIFTH EDITION, Corrected by *J. MONK.*

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THE

EPISTLE DEDICATORY,

TO

Our honoured and much esteemed FRIENDS,

THE

SOCIETY

OF

LONDON-SCHOLARS,

GENTLEMEN,

IT being a Thing much observed, and, as it were, made a general Rule by Writers, to shelter their Works under the Wings of Protection of some ingenious Person, whose Knowledge is not only com-

monly esteemed, but likewise experimentally known to be universal in the Matter they treat of; we cannot but think ourselves absolutely obliged to have you in the Front of this small Treatise, not only because your Knowledge in this Art, from whence we have gained what our mean Capacities would receive in the Knowledge and Experience of the same, together with your natural Reasons, is a sufficient Guard to defend it from the Assaults of ignorant and partial Persons, and may prove a Means to disprove, or confute, the malicious Sentiments of extrajudicious and illiterate Readers; but also in Regard it is the only Way we can produce, to let the World know the Happiness and Pleasure we enjoy in the Fraternity of such ingenious Persons, we mean yourselves.

And now here it would be proper to particularize to the World, wherein

wherein the ſaid Happineſs and Pleaſure conſiſt; but we are afraid we ſhall be cenſured and thought, without Cauſe, guily of Flattery and Self-Praiſe; nevertheleſs, to ſpeak in general Terms, it is your Unanimity, Sobriety, and Ingenuity, together with a ſtrict Obſervance and Performance of the civil Orders and Conſtitutions whereby our Society is incorporated, which has been the Cauſe of it's being rendered meritorious and deſerving of Fame.

We are very well ſatisfied and aſſured, that none of you are ignorant of the many ſcandalous and malicious Aſperſions that have been caſt upon this Art; more than a Man, without a great deal of Deliberation, is apprehenſive of; and more than it has in Reaſon deſerved; for which Reaſon it ought to be defended and guarded by ſuch who have a perfect and entire

Knowledge in the ſame, and will deal with Impartiality therein; and for ſuch an Undertaking none are eſteemed or thought more fit than yourſelves, by

GENTLEMEN,

Your moſt affectionate Friends,

And humble Servants,

J. D. C. M.

THE PREFACE.

MUltum in Parvo, *is a Saying that may very properly be applied in the Case of this Book, which though ſhort, yet contains full and methodical Rules and Inſtructions, for a true Perfection and Knowledge in this Art of Ringing —— the Excellency whereof has but lately been found out by the laborious Study of ſeveral ingenious Perſons, who have had a particular Reſpect or Regard for the ſame.*

Toward the latter End of the Reign of King Charles II. *was publiſhed a Book*

intituled, Campanalogia: Or, the Art of Ringing; *which Name, at the Requeſt and Deſire of the Bookſeller, we have given to this Treatiſe, with ſuch other Addition in the Title Page hereof as was neceſſary for the ſame: But we hope, and are aſſured, that the courteous Reader will not think that we have borrowed any other Thing but the Name from ſo unneceſſary a Book as the ſame now is; though, to ſpeak with Reſpect to all ingenious Perſons' Works, the ſame might, when wrote, be of Uſe and neceſſary for all Ringers, though it does chiefly conſiſt of* Plain *or* Single Changes, *becauſe the ſame were then moſt of all practiſed; but now this, as well as all other Arts, is, by Age and Time, improved; and inſtead of* Plain Changes *there are* Double, Tripple, *and* Quadruple Changes *rung, which are far more ingenious and pleaſant; however, in many Parts of* England, Plain Changes *are ſtill in Uſe, and therefore we have briefly ſaid ſomething in Relation thereto that we may pleaſe, if we can, every Perſon: But it is our Requeſt and Deſire to all that are practiſed in* Plain Changes, *to ſuſpend the Practice thereof, and betake themſelves*

themſelves to the Practice of Double *and* Tripple Changes; *for the attaining whereof, we recommend them to the Peruſal and Study of this Book, which conſiſts of ſeveral* Peals; *which for their Excellency have remained in Uſe and Practice ever ſince they were made, as alſo of ſeveral* New Peals *compoſed as well by ourſelves as Mr.* John Patrick, *who with great Care and Pains hath exerciſed his Ingenuity to the great Improvement of this Art.*

Being ſenſible of the many malicious Aſperſions caſt upon this Exercife of Ringing, *by partial and extravagant Perſons, we have endeavoured in the Beginning hereof, by Way of Objection and Anſwer, to vindicate this Art, and falſify the ſaid Aſperſions, which we hope will be ſupported by all who have a true Senſe and Knowledge of the ſame.*

What Errors there may be, other than ſuch as are committed by the Printer, which we are aſſured the judicious and courteous Reader will paſs over, we ſubmit to the Correction and Amendment of the Wiſe, not in the leaſt doubting that he

he will condemn all for a few Faults; withall hoping that he will ſuſpend all Partiality, and keep to the old Moral, Do as you would be done by.

CAMPANALOGIA:

OR, THE

ART of RINGING.

AMONGST other Diverſions and Recreations, practiſed by, and delightful, to the Inhabitants of this Iſland; none is more diverting, ingenious, harmleſs and healthful, than the ART of RINGING, uſed and practiſed with Diſcretion. And although it be eſteemed by the Generality of People to be a mean and mechanical Exerciſe; yet, were it to be duly weighed and conſidered by a judicious and impartial Perſon, it would be found to be very artful, and not to be attained to in it's higheſt Perfection, but by an ingenious and thoughtful Undertaker.

And, therefore, since this Art is so generally esteemed and looked upon to be a mean and mechanical Exercise and Recreation, we think it convenient and requisite, by Way of Preamble, to say somewhat in Opposition to what is offered and laid down by a Company of brainless and unthinking Persons, (who nevertheless think their Judgments and Knowledge to be universal) as Reasons and Arguments to manifest and make out what they so irrationally and partially have spoke and uttered, in Disgrace and Disparagement of this ingenious Art, which has so worthily deserved and merited the Praise and good Word of all People. And first,

It is objected against as mean and mechanical, because followed and practised by Persons whose Course of Lives, as reported, has been infamous; and also by Persons whose Subsistence for themselves and Families is gained by painful and hard Labour; and therefore not a fit and commendable Exercise and Recreation for one who has been genteelly and handsomely brought up and educated.

To this we answer, That there is no Exercise or Diversion whatsoever, followed and used by the Nobility and Gentry, either of this Nation or any other, but is used and followed by the common Sort of People; and with whom they at some Times never scruple or think it in the least beneath their Dignity or Honour, to make them their Fellows,

Fellows, and Glaſs or Pot Companions. Nor is this only done by ſuch Nobility and Gentry, who are generally eſteemed to be Spend-thrifts and Prodigals; but alſo by ſuch whoſe deep Judgments and Learning have rendered them famous Perſons, and ſerviceable both to their King and Country.

The ſame Objection may be made againſt a Perſon of Quality, or Gentlemen, whoſe Delight is in playing on the Violin, or any other common Inſtrument of Muſic; becauſe many poor and ſilly Fellows get a Livelihood by going from Door to Door, and Houſe to Houſe, playing on their unpleaſing and tuneleſs Muſic, and bear the ſcandalous Names of Scrapers or Fidlers.

But as Muſic is made more genteel and harmonious, by Concerts compoſed of the moſt ſkilful of Muſicians; ſo is the ART of RINGING made the like, by a ſkilful Number of Perſons incorporated and united into a Society, ſober, and made ſubject to Orders and Rules, conſiſtent and coherent with Civility and genteel Behaviour. Nor can it be denied, but that ſeveral very eminent Maſters of Muſic have followed and diverted themſelves much in Ringing, have united and incorporated themſelves into Societies, as an Exerciſe and Diverſion by them eſteemed to be very harmonious, and not in the leaſt inferior to the Melody of the moſt muſical Inſtrument.

Again, it may be rationally ſuppoſed to be an extraordinary Madneſs and Folly in any one who ſhall diſparage and deſpiſe any Ingenuity or Art, and that becauſe it is Mechanical and Common; for, by the ſame Example, if we do but rightly conſider and weigh it, none are worthy the Knowledge and Practice of any Perſon who has been nobly and genteelly bred; becauſe there are none but what are, according to this Maxim, Mechanical and Common. Whereas, on the contrary, Art and Ingenuity ought to receive the greateſt Encouragement that any human Creature is able to beſtow; for nothing does more become a Man, or make him more eſteemed and reſpected, than an univerſal Knowledge in all Arts and Sciences.

Another Objection made againſt the Practice of this Art, is, That it withdraws and alienates Mens' Minds from the Buſineſs by which they obtain and procure Subſiſtance for themſelves and Families, making them Drunkards, neglective of their Occupations and Trades, and conſequently the utter Ruin and Impoveriſhment of themſelves, and all who depend upon, and receive, a Livelihood and Maintenance from them.

In anſwer to this, we ſay, That there is no Exerciſe or Diverſion whatſoever, but will bring and reduce a Man to Neceſſity and Penury; unleſs uſed with Diſcretion, Prudence and Moderation; nay, though he has

has an Eſtate to ſupport his Extravagancy and Profuſeneſs for a Time; yet, in the End, it concludes with ſuch Eſtate ſpent, Impriſonment to himſelf, and Want to his whole Family; as appears by daily Examples.

Whereas, on the contrary, it never was known that any Perſon ever brought or reduced himſelf to Penury or Neceſſity by following this Exerciſe; but if at any Time a Ringer has failed, and come to Want, it will be found, upon a ſtrict and exact Examination of the Matter, that his undoing was occaſioned by his following Gaming, Horſe-Races, Cock-fighting, or ſome ſuch Miſchief.

And now to ſhew that no Inconveniencies ariſe or happen to Mens' Buſineſs and Employments, who exerciſe and recreate themſelves in, and follow this Ingenious Art, eſpecially to ſuch Men who are incorporated and united into a Society; and ſubject themſelves to the ſober and civil Rules and Orders thereof, the Time uſually ſet out and appointed, for the Practice and Exerciſe of this artful Diverſion, is in an Evening, when all Sorts of People leave off from their Buſineſs and Occupations, and diſperſe themſelves ſome into one Place, and ſome into another, to recreate themſelves with ſome Diverſion or Sport, thereby to ſweeten the Care and Fatigue of a Multiplicity of troubleſome, and ſometimes unprofitable,

Buſineſs or Work. Therefore it may as well be thought, that thoſe vacant and leiſure Hours Men ſpend in the Enjoyment of the Bottle and their Friends, ſhould be as hurtful as the vacant Hours ſpent in this Exerciſe. Again, if a Man's recreating and diverting himſelf in the Practice of any other Exerciſe or Sport, is held and eſteemed to be neceſſary, why ſhould it not be in the Practice of this, as well as any other, being, as we have ſaid before, harmleſs, diverting, and wholeſome?

A third Objection made againſt RINGING, is, That it is too laborious and painful to yield or afford any Pleaſure or Diverſion, and occaſions ſo great Heats and Sweatings, that a Man ſubjects himſelf to catch great Colds, whereby he endangers his Life, and begets more Damage to his Purſe for Recovery of his Health, than he receives Pleaſure and Satisfaction of Mind at the Time of diverting himſelf with the Exerciſe and Practice of this Art.

To anſwer this Objection, we declare, That we never have known or heard, though we have made it our Buſineſs to inquire, concerning this Matter of the oldeſt of Ringers, that ever any Perſon in the leaſt received any Manner of Damage to his Health by RINGING; unleſs raſh and inconſiderate Perſons who have been careleſs of themſelves; but on the contrary, it is well known by Experience, to be a very healthful

ful Exerciſe, moderately, and with Diſcretion practiſed and uſed. For, by moderate Sweating, all ill Humours and corrupt Moiſtures are diſpelled from the Body.

As to it's being eſteemed and ſuppoſed laborious and painful, there is no ſuch Thing, for it is perfectly done by Sleight, elſe how could a Man be able to ſtand an Hour or two, or more, as has been done, and be, as this Exerciſe requires, all the Time in a continual Motion? But this Sleight is to be obtained by Practice, and by obſerving of ancient Practitioners.

Thus having in ſhort, and according to our Abilities, anſwered what Objections have been made againſt this ingenious and pleaſant Exerciſe; we ſhall, in the next Place, adventure to ſay ſomewhat in Praiſe and Commendation of this Art; whereby it will further appear, that the Aſperſions caſt upon it, are altogether malicious, and uttered without the leaſt Conſideration imaginable.

The more ingenious, innocent, and recreative any Diverſion or Exerciſe is, the more it ought, according to Reaſon, to be followed, eſteemed, and loved by thoſe Perſons, who, for the Sake of their Health, or with Intent to drive away melancholy Thoughts, and to ſooth the worldly Cares and Croſſes they often meet with, ſpend their vacant and leiſure Hours in the Exerciſe and Practice of ſome Sport, Art, or Diverſion, none whereof can be more ſuitable

to, conſiſtent and coherent with, the Nature of ſuch Men, would they but maturely conſider it, than the Practice and Uſe of this Art. And that for theſe Reaſons:

Becauſe, as we have ſaid, and hope, made it appear before, it is a very wholeſome and healthful Exerciſe. And, though there are ſeveral other Exerciſes and Recreations, as Bowling, Tennis-Ball, Nine-Pins, and ſuch like, too tedious and long to be here inſerted, that may work and ſtir the Body, and every of it's Parts, as much as this Exerciſe does; yet they are not in the leaſt to be compared to this, becauſe not ſo artful, or requiring ſo thoughtful and ingenious an Head-Piece to attain to the univerſal Knowledge of them, as this Art does. And again, becauſe in any ſuch Diverſions and Exerciſes, nothing but a claſhing, jarring, and unpleaſing Noiſe or Sound is heard. Whereas, on the contrary, no Muſic, Vocal or Inſtrumental, played on by the moſt ſkilful Maſter, can yield or afford a more pleaſant and harmonious ſound or Melody, than eight or ten merry *Bells*, for ſo they are termed, well rung by ſo many Ringers, well ſkilled and practiſed in this Art: Wherefore, and for this laſt Reaſon, it muſt be allowed, to be a very proper and ſuitable Exerciſe for one who is apt to be melancholy, to divert and withdraw his Thoughts from keeping Company with ſo hurtful and pernicious a Companion.

But

But leſt ſome partial and extrajudicious Reader, falſly thinking, that, in what is before written, we have made ſome Reflexions upon a Diverſion or Exerciſe he takes Delight in, ſhould object againſt what we have ſaid in praiſe of this Art, as being the only Exerciſe we take Delight in, and therefore give it ſo good a Character, though not worthy of it; we muſt, with Submiſſion, beg leave to acquaint him and others, as a Proof to make good what we ſay, That there have been many noble and ingenious Perſons who have expreſſed and declared the ſame, and have been very ambitious and deſirous of attaining to a perfect Knowledge in this Art; but never could have an Opportunity of being acquainted with ſuch Perſons, by whoſe Means they might be introduced into, and made a Member of, ſome ſober Society, Followers of this Art. And, moreover, at this Time, to our Knowledge, there are ſeveral learned and eminent Perſons, both Clergy and lay-men of good Eſtates who are Members of ſeveral Societies of Ringers inhabiting within this City, and think themſelves very much reſpected, and highly favoured, that they can arrive at, and attain to, ſo great an Happineſs and Honour.

Nor is it leſs eſteemed and admired by ſeveral Foreigners, whoſe Curioſities have engaged them to travel through many Parts of the World, acknowledging that in all Parts

wherever they have been, the like is not known; and, therefore they have not imptoperly named *England*, the *Ringing Iſland*.

This, we hope, will be further ſufficient to ſatisfy the judicious and impartial Reader, that the ſcandalous Aſperſions caſt upon this Art, are erroneous and malicious; and, that, on the contrary, it is a very delightful and pleaſing Exerciſe, and worthy the Knowledge of any Perſon whatſoever.

And now we ſhall proceed to lay down an eaſy and exact Method, whereby the ingenious Practitioner, with little Care and Pains, may, in a ſhort Time, attain the perfect Knowledge of this Art. And,

The firſt Step he makes in this Art, is to learn perfectly to *ſet* a Bell, both back Stroke and fore; and to have it ſo much at his Command, as that he may be able to cut it down, at either Hand, being the *Sallee*, or back Stroke, and ſet it again the next Pull, without which he cannot attain to any Perfection or Knowledge in this Art: And to make this the more eaſy to him, he muſt obſerve to keep the Rope tight or ſtiff, to ſtand upright to the Bell, not ſtirring or uſing any ungenteel Poſture, which in *Ringing*, as well as Dancing, is very ridiculous. When he is Maſter of this, he may then try to ring one Round in three, four, five, or ſix Bells, and afterwards in eight or ten. Wherein, as in all *Ringing*, the principal

principal Thing to be obſerved, is a true and exact *Compaſs*, which in Muſic is called *Time*, otherwiſe the *Ringing* becomes very unpleaſing and diſturbing to the Hearer; and may be compared to the nauſeous Muſic of a Country-Fidler playing before a Company of Boors and Peaſants, going to the Celebration of a homely Country Wedding.

Compaſs, being, as we have ſaid before, the moſt material Thing to be obſerved in *Ringing*; it will be requiſite in brief to ſay ſomewhat in Relation thereto.

According to the Number and Bigneſs of the Bells to be rung, the *Compaſs* ought to be high or low; for a large Peal of Bells require a lofty, and a ſmall Peal a quick, *Compaſs*. This depends upon the *Compaſs* the *Treble* firſt fixes; therefore, and for this Reaſon, it is abſolutely requiſite that the moſt able Practitioner ought to ring and have the Management of that Bell, as a Guide and Path to the Reſt; when this is fixed, each of the other Bells muſt take Care to keep an equal Diſtance from the Bell preceding that he rings.

But for the better knowing of a true and exact *Compaſs*, the Practitioner ought to know how to beat *Time*, whereby he will reap the Benefit and Advantage of knowing the true Diſtance that ought to be kept between Bell and Bell, according to the Number and Bigneſs of the Bells; and hereby it

will appear, that three Bells are as long in going twice round as ſix are going twice round, four as eight, and five as ten. This ought to be well known too, and grounded in the Thoughts of an Undertaker of this Art, as the principal Thing to be obſerved therein; for it is a ſmooth and exact *Compaſs* that makes the *Ringing* diverting and pleaſing, as true Time makes the Harmony in Muſic.

The next Thing he may adventure to undertake, is, the learning to raiſe and ceaſe a Bell in *Peal*, which is not eſteemed to be one of the eaſieſt Parts of this Art; and we could wiſh, with all our Hearts, that it was more practiſed than it is by the ancient and experienced *Ringers*, being very melodious, and worthy any Man's Pains to learn: For the attaining of which, he muſt be very attentive, how the Bell he rings with the reſt, ſtrikes; raiſing or ceaſing it, as the Bell he follows does, provided that is rung true. He muſt, likewiſe be careful, when they lie under *Sallee*, for ſo it is termed, to keep his Bell at ſo conſtant a Pull, as not to pull harder one Time than another, unleſs he finds the Bell *dive* upon him; but a Bell kept in good Order, and well hung, is very ſeldom guilty of that Fault, eſpecially if rung with a ſtiff Rope, and not checked. It is proper that Bells be raiſed as faſt as may be, and not to ſtrike till the ſecond Sway. For the more

eaſy

eaſy effecting of this, it is needful to have two, three, or more, according as the Bigneſs of the Bell requires, to help up with each of the great Bells, untill they are about three Parts up, where, for a While, it is uſual to have them lie ſtill for ſome Time; and then, the Perſon ringing the Treble giving Notice to the Reſt by ſtamping with his Foot, to aſcend and riſe gradually, till they are raiſed to a ſet Pull, which they muſt be before any Changes can be rung on them; which properly comes to be next treated of.

Of CHANGES.

THE Word *Changes* is very aptly and properly applied in this Caſe; for every Bell removes from it's proper Place, according as the Change made, requires; and ſo backward or forward; or, as termed, *up* and *down*, till the Peal intended to be rung, is ended. This is the moſt intricate and difficult Thing to be learned in this Art, which is likewiſe much improved by Practice; and though, at firſt Sight, it ſeems very hard to be learned, yet by Practice and Care it is ſoon rendered eaſy.

It will be very improper, and not in the leaſt to our purpoſe, to ſtuff this Treatiſe full of unneceſſary and uſeleſs Examples of the Variation of Numbers, thereby to ſhew

the

the Certainty of what ſhall be hereafter written, in Regard they will but ſicken and clog the Memory of the ingenious Practitioner, and make him out of Heart, and think he ſhall never attain to the Knowledge of this Art. But we ſhall make it our utmoſt Care to lay down every Thing in as plain and eaſy a Method as poſſibly can be; and ſhall ſhew, in their proper Places, how many ſeveral Changes are to be rung on ſuch a Number of Bells; and alſo other Obſervations, Matters, and Things, uſeful for attaining to the perfect Knowledge of what is hereby intended to be made known.

The firſt Thing that is requiſite and neceſſary to be obſerved by the young Practitioner in ringing of Changes, and by which he will attain to a perfect Sleight in this Art, and render the ſame leſs laborious and toilſome to him, is the Motion or Courſe of the Bell he rings, whether it be gradually to aſcend or deſcend, that is *up* or *down*, or whether it be to make any *Stop* or *Dodge* in the Middle, with any other Bell. If the Bell be to aſcend or go up, it muſt be done by keeping it up, both at Hand and Backſtroke, thereby to delay or prolong it's ſtriking until it's due Time and Place; if to deſcend, it muſt be done by a very gentle and ſlight Pull and Sallee, according as the Bigneſs of the Bell requires; for by this Means it deſcends the more eaſy, and without

out much Pains in cutting it down, obſerving to ſtand as ſtraight, and as upright as poſſible, not bending any Part, except the Knee; for that it is which fatigues and tires the Ringer. If a Stop or Dodge is to be made, or a Compaſs to be led, the Bell ought to be kept with ſo ſtiff a Rope, and ſo much at the Practitioner's Command, that he may not ſtand any longer, or pull any ſooner than in true Time or Compaſs is required; for otherwiſe, by the Bell's ſtanding too long in leading Compaſs, the reſt are thrown and jumbled together, whereby Claps and Clams, ſo unpleaſing to the Hearers, are occaſioned; and by too quick leading of the Compaſs, the Bells are ſcattered, and not ſubjected to any equal Diſtance from each other.

In ringing of Changes, there is commonly one Bell, commonly the Treble, termed the *Hunt*, by Reaſon of the conſtant Motion that is aſſigned to it, by which the Reſt of the Bells are guided in their ſeveral and different Courſes throughout all Peals whatſoever; and therefore it is not improper to compare the Perſon ringing the Treble to a Pilot, having the Management of a Ship, by whoſe Skill, together with a Rudder, the Ship is ſafely ſteered from one Haven to another.

Changes conſiſt of two Kinds, different the one from the other; the one termed

Plain

Plain or *Single Changes*; the other *Double* and *Triple Changes*, or *Croſs Peals*.

PLAIN *or* SINGLE CHANGES.

AND they are ſo called, becauſe no more than two Bells make a Change at once; as for Example, ſuppoſe theſe ſix Figures, 1 2 3 4 5 6. to be ſix Bells going round one after another in their proper Places; now in making of a Plain or Single Change, only two of the Bells change their Places, which may be any two that are next each other; as admit the firſt and ſecond were to make a Change, by going into each other's Place, then they would be in this Order, 2 1 3 4 5 6.

But theſe Plain or Single Changes are ſo old, that they are ſcarce practiſed any where, becauſe, by ingenious and ſkilful Practitioners, this Art is made far more melodious and eaſy, by Double and Triple Changes; and therefore we ſhall forbear to make a long Diſcourſe upon what is not needful or requiſite, but ſhall only ſet down two or three Peals of plain Changes, for the Satisfaction of ſome particular Perſons.

On two Bells there are no more than two Changes; to wit, 2 1 / 1 2

On

On three Bells there are twice as many more; for by multiplying two by three, the additional Figure the Product is six, in Ringing whereof no Bell is peculiarly assigned as an Hunt, because every Bell has one and the same Course, as may be here seen:

1	2	3
2	1	3
2	3	1
3	2	1
3	1	2
1	3	2
1	2	3

These six Changes may be likewise rung another Way, that is, by hunting the Bell which lies behind, being third, first down; or, as it appears, by ringing the said Changes backwards, thus:

1	2	3
1	3	2
3	1	2
3	2	1
2	3	1
2	1	3
1	2	3

On four Bells there are three Times as many more Changes as there are on three, as appears by multiplying six by four, the Product whereof is Twenty-four; in ringing of which, the Treble, being the Hunt, is particularly to be observed, which first hunts up behind, and there lies a whole Pull, which is the Time the Bell is striking both Backstroke and Fore, whilst the two foremost Bells make a Change; which done, the Treble then hunts down again to it's proper Place, where it leads away a whole Pull, whilst the hindmost Bells make a Change, commonly called an *Extreme*; and after this Manner the other Changes are rung as complete a Four and twenty, as by this Example appears:

1234

1234		
2134	3142	4123
2314	3412	4213
2341	3421	4231
3241	4321	2431
3214	4312	2413
3124	4132	2143
1324	1432	1243
1342	1423	1234

On five Bells there are four Times as many more Changes as there are on four, as appears by multiplying the Twenty-four, by the additional Figure 5, the Product is 120. And the Course and Method of ringing them is the same as before in the Four and twenty, with this further Observation, that there is besides the *Hunt* and *Half-hunt*. The Treble, which, in the subsequent Peal, is the whole Hunt, first hunts through the Rest of the Bells, and as soon as it is behind, the Half-hunt makes a Change with the Bell that is next it, moving one Bell higher, and then the Treble hunts down again, and the Half-hunt makes another Change; then the Treble hunts up again, and the Half-hunt makes another Change, and then the Treble hunts down to lead, by which Time, the Half-hunt having finished it's Course, by hunting over all the Bells, an *Extreme* is then made, by the two fartheſt Extreme Bells from the Half-hunt, which is third and fourth; and

so

so they proceed in the same Course till the next Extreme, which happens every other Time Treble leads.

A PLAIN SIX SCORE.

Hunts 1 2.

12345					
21345	41352	21453	51432	21534	31542
23145	43152	24153	54132	25134	35142
23415	43512	24513	54312	25314	35412
23451	43521	24531	54321	25341	35421
32451	43251	42531	54231	52341	35241
32415	43215	42513	54213	52314	35214
32145	43125	42153	54123	52134	35124
31245	41325	41253	51423	51234	31524
13245	14325	14253	15423	15234	13524
13425	14235	14523	15243	15324	13254
31425	41235	41523	51243	51324	31254
34125	42135	45123	52143	53124	32154
34215	42315	45213	52413	53214	32514
34251	42351	45231	52431	53241	32541
34521	24351	45321	25431	53421	23541
34512	24315	45312	25413	53412	23514
34152	24135	45132	25143	53142	23154
31452	21435	41532	21543	51342	21354
13452	12435	14532	12543	15342	12354
Extr.	Extr.	Extr.	Extr.	Extr.	Extr.
14352	12453	15432	12534	13542	12345

An *Extreme* is a distinct Change from the Rest, and made by the two farthest Extreme Bells from the Half-hunt.

It

It may perhaps be wondered at by ſome, why we have not ſet down more large and methodical Rules and Inſtructions for the ringing plain Changes; but, if duly conſidered, we think, with Submiſſion, it is not in the leaſt neceſſary; not only becauſe, as we have ſaid before, they are almoſt out of Practice every where; but alſo becauſe Croſs Peals are more eaſy and melodious; therefore ws hope we ſhall be excuſed by the ingenious and knowing Reader, for the Omiſſion that we have made, being, as we conceive, requiſite and aſſured, that were he, or any other, whoſe Genius leads them to the Practice of Muſic, to buy a Collection of Songs or Tunes, that he would ſooner chuſe, and have thoſe that were lately compoſed, than thoſe which had been compoſed many Years. And now we ſhall proceed to give neceſſary Directions and Inſtructions for the ringing of

DOUBLE *and* SINGLE CHANGES, *or* CROSS PEALS.

WE may ſuppoſe, and that with Reaſon, that the Denomination given to theſe Peals, is from the Bells croſſing each other in their ſeveral Motions or Courſes, ſome moving up, and others down, as the Change made requires; and for that four or

ſix

ſix Bells, or more, as the Number will permit, do at one and the ſame Time change from their proper Places; as thus, 2 1 4 3 6 5; ſo that by this Means there are as many Changes at once going Round of the Bells, and yet reckoned but one Change, becauſe made at once ſtriking of each Bell, as in plain Changes can be effected in three Times going round.

But before we proceed any further, it will be requiſite to give this general Inſtruction; that in all Peals, for the young Practitioner's more eaſy learning, we ſhall ſet down ſome few Changes, as the Courſes of ſuch Peals will permit, thereby to acquaint him with a more eaſy Method of learning the ſame; adviſing him not to adventure on too long Peals, till he is thoroughly practiſed and perfect in ſuch ſhort ones.

No double Change can be made on a leſs Number of Bells than four, therefore, that muſt be firſt treated of; and the ſhorteſt Peal that can be rung on Four, is of eight Changes, being Doubles and Singles; and the firſt is double and the next ſingle, and ſo by Turns, till every Bell, being hunted up and down, comes into it's proper Place again, which brings the Bells round. By this may be learned the Method of hunting a Bell, for as may be ſeen in the Changes here pricked down, every Bell hunts gradually up and down, and the ſecond and fourth hunt down,

and

and the Treble and Third up; and every Bell leads away no more than one whole Pull, or lies behind any more than one whole Pull.

1234	
2143	3412
2413	3142
4231	1324
4321	1234

When the Practitioner is perfect in this, he may then proceed to ring the Four and twenty Doubles and Singles, wherein muſt be obſerved, that when the Treble leads, the Bell in ſecond's Place lies a whole Pull, and then leads, and the two Bells in third and fourth's Places make a ſingle Dodge, as by the ſubſequent Figures may appear:

1234		
2143	3124	4132
2413	3214	4312
4231	2341	3421
4321	2431	3241
3412	4213	2314
3142	4123	2134
1324	1432	1243
1342	1423	1234

Now the true Signification or Meaning of a Dodge is this: Any Bell that is coming down, and is to make a Dodge, muſt move up again one Bell higher; and any Bell that

that is going up, and is to make a Dodge, muſt come down one Bell lower, and then up or down as the Courſe of ſuch Bell requires, as may be ſeen at the leading of the Treble at Fore-ſtroke, in the preceding Twenty-four Changes, where the ſecond is in third's Place coming down, and the fourth behind: but at the next Change at Back-ſtroke, and the fourth goes down into the third's Place, and the ſecond goes up behind: This may ſerve as an Explanation for dodging in all Peals.

There is another Way of ringing Twenty-four Changes Doubles and Singles on four Bells, which varies only from the former, that when Treble is behind, the Bell in third's Place lies ſtill a whole Pull, and the Bells in Treble and ſecond's Places make a Dodge, and then proceed again in their former Courſe, as may be here ſeen:

1234		
2143	4132	3124
2413	4312	3214
4231	3421	2341
2431	4312	3241
4213	3412	2314
4123	3142	2134
1432	1324	1243
1423	1342	1234

In all Peals upon five Bells, there are two Hunts, to wit, a *Whole* and an *Half-hunt*; and

and for the Practitioner's more eaſy knowing which Bells are the whole Hunt, and the Half-hunt, the Figures repreſenting ſuch Bells as are ſet down at the Beginning of each Peal.

This Peal on five Bells is thirty, wherein every Bell has an hunting Courſe, till the Treble has done leading; and then the Bell in third's Place lies ſtill, and the two hindmoſt Bells make a ſingle Dodge, and proceed in their hunting Courſe again, as in theſe thirty Changes.

Hunts 1 2.

12345		
21354	21543	21435
23145	25134	24153
32415	52314	42513
34251	53241	45231
43521	35421	54321
45312	34512	53412
54132	43152	35142
51423	41325	31524
15243	14235	13254
12534	12453	12345

OLD DOUBLES.

THE Changes in this Peal are all double, except at the leading of the Treble, and every Bell has a direct hunting Courſe until Treble leads; and then the Bells in ſecond

ſecond and fifth's Places lie ſtill, and the Bells in third and fourth's Places make a ſingle Dodge, except when the Extremes are to be made, which is every Time the ſecond lieth next to Treble, and then the Bells in ſecond and third's Places lie ſtill, and the two hindmoſt Bells make a Dodge. It is called an *Extreme Change*, by Reaſon it is only made at ſuch Times, when ſuch and ſuch Bells are in ſuch Places, and is a different Change from the Reſt; of which Change it is requiſite Notice be given, as the Treble is going to lead, by him who rings the half Hunt, in ſaying *Extreme*. The Word *Extreme*, we muſt confeſs, is the moſt proper Signification, in Regard to the Change; but there is now, and for ſome Time has been, a Word called *Bob*, inſtead of *Extreme*; upon what Account the Word was changed, we know not; yet nevertheleſs, for Faſhion's Sake, we adviſe every one to uſe it.

Hunts 1 2.

12345					
21435	13254	54123	Extr.	15234	14352
24153	13524	51432	12453	12543	23425
42513	31254	15342	14235	Extr.	13245
45231	32145	15432	14325	12534	12354
54321	23415	14523	13452	15243	Extr.
53412	24351	14253	13542	15423	12345
35142	42531	12435	15324	14532	
31524	45213				

NEW DOUBLES.

IN this Peal the Treble hath only a direct hunting Courſe; for when it moves up from leading, the two foremoſt Bells continue dodging until the ſaid Treble comes down again and diſplaceth them; every Bell that comes into third's Place lies there a whole Pull, and then goes up behind, except the Bell that lies there when the Trebles leaves Leading, which moves down. Every Bell lies twice behind, except when the Treble goes to lead, and leaves Leading; for when the Treble leads, the Bells in ſecond and fifth's Places lie ſtill, and the Bells in third and fourth's Places make a ſingle Dodge. The Extremes, or, as we ſhall henceforth call them, the Bobs, are the ſame as in the former Peal of *Old Doubles*.

Hunts 1 2.

12345					
21354	13254	53142	12435	15324	14532
23145	13524	51324	Bob	15234	14352
32415	31542	15342	12453	12543	13425
23451	35124	15432	14235	Bob	13245
32541	53214		14325	12534	12354
23514	35241	14523	13452	15243	Bob
32154	53421	14253	13542	15423	12345
31245	35412				

ST. DUNSTAN's

ST. DUNSTAN'S DOUBLES.

IN this Peal the Changes are all double, except one Single every ſecond Time the Treble leads, there being ſix of them in the Peal; the Treble, as before, hath a direct hunting Courſe, and every Time it goes to lead, and leaves Leading, the Bell in third's Place lies a whole Pull, and then goes down, and the two hindmoſt Bells dodge till Treble parts them, except at three of the ſingle Changes, and the Bell in third's Place goes up behind, and the Bell in fourth's Place comes down; but at other Times they have a hunting Courſe. When the Treble leads, and the ſecond is in it's own Place, it is a Bob, but when ſecond is in third's Place, a Single.

Hunts 1 2.

12345					
21354	14523	13254	14352	Bob	15342
23145	41532	Single	13425	12453	12435
32415	45123	13245	15243	13542	Bob
34251	54213	15423	Single	15324	12345
43521	52431	14532	15234	14235	
45312	25341			Single	
54132	23514	12354	14325		
51423	32154	Bob	13452	14253	
15432	31245	12534	12543	13524	

READING DOUBLES.

THE Treble has likewiſe in this Peal a direct hunting Courſe; and when it moves up from Leading, the two foremoſt Bells dodge until it comes down again and parts them; whilſt they dodge, every Bell that comes into third's Place lies there a whole Pull, and then moves up behind again; but after the Dodging, all the Bells go an hunting Courſe, until the Dodging obſtructs them. Every Bell lies twice behind, except when the Treble leaves Leading, and the ſecond is next Bell to it, and then the Bell in third's Place lies ſtill, and the two hindmoſt Bells dodge; which happens in Courſe every twenty Changes; by this Method it will go ſixty Changes; and by making two Bobs, it will go hundred and twenty: The firſt Bob is made at the End of ſixty Changes, and the other at the laſt Treble leading of the Peal.

Hunts 1 2

12345					
21354	13425	54132	12453	15342	15423
23145	14352	51423	14523	14523	14532
32415	41532	15243	15432	12435	13245
23451	45123	12534	13254	14325	Bob
32541	54213	15324	Bob	13452	12345
23514	45231	13542	12354	15234	
32154	54321	14235	13524	12543	
31245	45312				

The

The DREAM.

THE Treble in this Peal has a direct hunting Courſe, and when it leaveth the fifth and fourth Places coming down, the two Bells that are there continue dodging till it cometh up and hinders them, except when the two Hunts are together before, which happens in Courſe every forty Changes; the Bobs are every Time the half Hunt is in ſecond or third's Place, if the whole Hunt lead, and then the Bells in ſecond and third's Places lie ſtill.

Hunts 1 2.

12345

21435	15324	14235	14352	Bob	14523
24153	51342	Bob	13425	12534	12354
42513	53124	14253	15243	15432	Bob
45231	35214	13524	Bob	14523	12345
54321	32541	15342	15234	13254	
53412	23451	12435	14325	Bob	
35142	24315	Bob	13452	13245	
31524	42135	12453	12543	15432	
13542	41253				

WINWICK DOUBLES.

IN this Peal first the two hindmost Bells dodge, except the whole Hunt hinders them, till the first Single is made; and then the two foremost Bells dodge, except the whole Hunt hinders them, until another Single be made; and so on successively throughout the whole Peal. There are six Singles, made after the same Manner as in ST. DUNSTAN'S DOUBLES.

12345					
21354	41532	31254	41523	51234	41325
23145	45123	32145	45132	52143	43152
32415	54213	23415	54312	25413	34512
34251	52431	32451	45321	24531	35421
43521	25341	23541	54231	42351	53241
45312	23514	32514	45213	43215	52314
54132	32154	23154	54123	34125	25134
51423	31245	21345	51432	31542	21543
15432	13254	12435	15342	13425	12534
14523	Bob	14253	Single	14352	Bob
	13524		15324		12345

GRANDSIRE.

EVERY Bell in this Peal has a direct hunting Course till the Treble leaves Leading, and then the Bell in third's Place lies

lies ſtill a whole Pull, and the hindmoſt Bells make a ſingle Dodge, and then proceed in the ſame Courſe again, and every Time the half Hunt dodgeth behind, a Bob muſt then be made; at which the Bells that are in the third's Place, when the Treble goes to lead, and leaves Leading, lie a whole Pull, and the two hindmoſt Bells make a double Dodge, as may be ſeen in the following Peal. By this Method it will go ſixty Changes; and by making two Singles, it will go one hundred and twenty; the Singles are made at the End of the Changes; and at the End of the Peal: the Manner of making Singles is, the Bell in third's Place lies there two whole Pulls, and the Bell in ſecond's Place lies there a whole Pull.

Hunts 1 5.

12345					
21354	21543	31452	31524	15432	15234
23145	25134	34125	35142	14523	12543
32415	52314	43215	53412	13254	Bob
34251	53241	42351	54321	Single	13452
43521	35421	24531	45231	13245	14325
45312	34512	25413	42513	15342	15423
54132	43152	52143	24153	13524	14532
51423	41325	51234	21435	Bob	12354
15243	Bob	15324	Bob	14253	Single
12534	14352	13542	12453	12435	12345
	13425		14235		

This Peal of *Grandſire* may be rung, by making any Bell the Hunt at Pleaſure; but

then the firſt Change being made at Back-Stroke prevents the cutting Compaſs, which otherwiſe would happen througout the Peal, and then the Bells will come round at Fore-ſtroke; but in the following Peal, wherein Second is the whole Hunt, and Fifth the Half, the firſt Change being a Single prevents the cutting Compaſs, and they come round at Back-ſtroke.

GRANDSIRE.

Hunts 2 5.

12345				
Single	51324	14532	14253	Bob
12354	53142	15423	12435	24153
13245	35412	51243	Bob	21435
31425	34521	52134	21453	25134
34152	43251	25314	24135	21543
43512	42315	23541	25431	Bob
45321	Bob	32514	24513	23451
54231	24351	35241	23154	24315
52413	23415	53421	Single	25413
25143	32451	54312	23145	24531
21534	34215	45132		
12543	43125	41523	25341	13254
15234	41352		23514	12345

This Peal, as before appears, is in all Reſpects, the ſame as the former, only that Second is the whole Hunt in this, and Treble in that; therefore in ringing this, the ſecond muſt be obſerved as the Treble is in the other.

LONDON

LONDON DOUBLES.

IN this Peal, the Treble hath an hunting Courſe as in *Grandſire*, and when it goes to lead, and leaves Leading, the Bell in third's Place lies ſtill a whole Pull ſucceſſively, and the Bells behind dodge till Treble parts them; except at a Bob, and then the Bell that is in third's Place, when Treble goes to lead, hunts up behind and makes a Dodge, and the Bell in fourth's Place hunts down; it differs from *Grandfire* only in this, that the Treble Leadings in this, are Bobs in that; and the Bobs in this, are Treble Leadings in that.

Hunts 1 3.

12345					
21354	54213	35421	43215	13245	15234
23145	52431	53241	34125	15423	14325
32415	25341	52314	31452	14532	13452
34251	23514	25134	Bob	Bob	12354
43521	32154	21543	13542	12435	Single
45312	31245	12534	15324	14253	12345
54132	Bob	15243	14235	13524	
51423	13425	51234	12453	15342	
15432	14352	52143			
14523	41325	25413	Single	Bob	
41532	43152	24531	13254	12543	
45123	34512	42351			

CAMBRIDGE DELIGHT.

IN this Peal the two hindmoſt Bells always dodge till the whole Hunt parts them; when the whole Hunt leaves third's Place hunting up, the two foremoſt Bells dodge till the half Hunt hinders them, whoſe Courſe is the ſame with the Courſe of the half Hunt in *Grandſire:* There are two Singles in this Peal, made by the ſame Rule as in *Grandſire.*

Hunts 24.

12345					
13254	43521	15432	53241	24531	23154
31524	45312	14523	52314	25413	32145
13542	54132	41253	25341	52431	31254
31452	51423	42135	23514	54213	13524
34125	15243	24153	32541	45123	31542
43215	12534	21435	35214	41532	13452
42351	21543	12453	53124	14352	14325
24315	25134	14235	35142	13425	&c.
23451	52143	41325	53412	31245	
32415	51234	43152	54321	32154	
34251	15324	34512	45213	23145	
	51342	35421	42513	Single	

CAMBRIDGE DELIGHT.

Hunts 1 5.

This Peal is the ſame as the other, only that the Fifth is half Hunt inſtead of the Fourth.

21354	31524
23145	35142
32415	53412
32451	54321
32541	45231
35214	42513
53124	24153
51342	21435
15324	12453
13542	14235

This is one Third of the firſt Half, where the firſt Single is made,

Thus

13254	1ſt Single
13245	
12354	laſt ditto
12345	

CAMBRIDGE DELIGHT *another Way.*

IN this Peal the two hindmoſt Bells always dodge till the whole Hunt hinders them, as in the former Peal; when the half Hunt leaves third's Place hunting up, the two foremoſt Bells dodge till the whole Hunt hinders them. It differeth from the former Peal in this; that whereas in the former, the Bells always begin to dodge before, when the whole Hunt leaves third's Place, and are parted by the half Hunt; and in this they begin to dodge before, when the half Hunt leaves third's Place, and are parted as well before as behind by the whole Hunt; and alſo that in this Peal the half Hunt dodgeth behind on the contrary Stroke to what it does in the former Peal: There are two Singles made likewiſe in this Peal, by the ſame as thoſe in the preceding Peal.

Hunts 1 4.

12345					
21354	54132	54213	12534	42351	41325
23145	51423	52431	15243	43215	43152
32415	15432	25341	51234	34125	34512
34251	14523	52314	52143	31452	35421
43521	41532	25134	25413	13425	53241
45312	45123	21543	24531	14352	35214
					53124

53124	35142	24153	41253	32541	13254
51342	53412	21435	42135	23514	Single
15324	54321	12453	24315	32154	13245
13542	45231	14235	23451	53214	&c.
31524	42513				

CHECKER.

IN this Peal, Treble is the whole Hunt, and Tenor the half Hunt, for twenty Changes; and then Tenor is the whole Hunt, and Treble the half Hunt, for the next twenty; and ſo they hunt by Turns throughout the Peal. When the Treble is the whole Hunt, the Bells behind always dodge, except hindered by Treble; when Tenor is the whole Hunt, the Bells before always dodge except hindered by Tenor. When Treble is before, and Tenor dodging behind, a Single is made by the Tenor, and the Bell which dodged with it; and when Tenor is behind, and Treble dodging before, a Single is made by the Treble, and the Bell then dodging with it.

Hunts.

Hunts 15.

12345

21354	51423	25341	13524	42315	35124
23145	15432	23514	15342	24135	31542
32415	14523	32154	51432	42153	13452
34251	41532	31245	54123	24513	31425
43521	45123	13254	45213	25431	13425
45312	54213	13245	42531	52341	&c.
54132	52431	31254	24351	53214	

CHACE.

15.

This is the third Part of the Peal.

21354	41523	31245	51432
23145	45132	32154	54123
32415	54312	23514	45213
34251	53421	25341	42531
43521	35241	52431	24351
45312	32514	54213	23415
54132	23154	45123	32145
51432	21345	41532	31254
15432	12354	14523	13245
14532	13254	15423	13425

IN this Peal the Bells all hunt, except when the Treble is going to lead, or leaving the Lead, and then the Bell in third's Place lies ſtill; and when ſhe leads the two Bells in fourth and fifth's Places lie ſtill, and at an Extreme; when the half Hunt is at home, the Bell in ſecond's Place lies ſtill.

ST. CLEMENT'S

ST. CLEMENT'S DOUBLES.

IN this Peal, the Treble has an hunting Courſe; and as ſoon as it comes behind, the two foremoſt Bells dodge till Treble parts them, whilſt the Bell then happening in third's Place lies ſtill a whole Pull, and then moves up behind; there are ſix Singles in this Peal, made by the ſame Rule as in ST. DUNSTAN'S DOUBLES.

12345					
21435	15432	13254	13425	Single	13524
24153	51342	Bob	14352	12453	12435
42513	53124	13245	15243	15324	Single
24531	35214	14532	Bob	13542	12345
42351	53241	15423	15234	14235	
24315	35421	12354	13452	Bob	
42135	53412	Single	14325	14253	
41253	35142	12534	12543	15342	
14523	31524				

WESTMINSTER DOUBLES.

THE Treble in this Peal has an hunting Courſe; and every other Time it leaves the third's Place hunting up, the two foremoſt Bells dodge till it comes down and

and parts them; the Bells behind continue dodging till Treble hinders them, except at a Bob, which is every Time the second lieth next the Treble, if Treble leads, and then the Bells in second and fifth's Places lie ſtill, and the Bells in third and fourth's Places make a ſingle Dodge.

Hunts 1 2.

12345					
21354	31254	51423	41523	12534	15234
23145	32145	54132	45132	21543	&c.
23415	23415	45312	54312	25134	
23451	24351	54321	53421	52314	
32541	42531	45231	35241	25341	
23514	45213	54213	32514	52431	
32154	54123	45123	23154	25413	
31245	51432	41532	21345	52143	
13254	15423	14523	12354	51234	
13245	15432	14532	Bob	15243	

WESTMINSTER DOUBLES, *another Way.*

THIS Peal differs from the other only in this, when the two Hunts are together behind in that Lead where the Dodge is before, then there is a Dodge omitted; and when they are together in that Lead where there is no Dodging, then there is a ſingle

ſingle Dodge made, and the Bell in third's Place lies ſtill.

Hunts 15.

12345			
21354	41352	51342	31542
23145	43125	53124	35124
32415	34215	35214	53214
34251	43251	53241	52341
43512	34521	35421	25431
34512	35412	53412	24513
43152	53142	35142	42153
41325	51324	31524	41235
14352	15342	13542	14253
14325	15324	13524	14235

&c.

GOGMAGOG.

IN this Peal, the Bells hunt as in *Grandſire*; and this differs from that only in this, that there is not every other Time a ſingle Bob, but inſtead of a ſingle Bob every other Time there is a double Bob; ſo that only once in four Times there is a ſingle Bob; but when Tenor is Dodging behind, and the Treble leads, there is always a Single made by it, and the Bells which dodge with it.

12345

and parts them; the Bells behind continue dodging till Treble hinders them, except at a Bob, which is every Time the second lieth next the Treble, if Treble leads, and then the Bells in second and fifth's Places lie still, and the Bells in third and fourth's Places make a single Dodge.

Hunts 1 2.

12345					
21354	31254	51423	41523	12534	15234
23145	32145	54132	45132	21543	&c.
23415	23415	45312	54312	25134	
23451	24351	54321	53421	52314	
32541	42531	45231	35241	25341	
23514	45213	54213	32514	52431	
32154	54123	45123	23154	25413	
31245	51432	41532	21345	52143	
13254	15423	14523	12354	51234	
13245	15432	14532	Bob	15243	

WESTMINSTER DOUBLES, *another Way.*

THIS Peal differs from the other only in this, when the two Hunts are together behind in that Lead where the Dodge is before, then there is a Dodge omitted; and when they are together in that Lead where there is no Dodging, then there is a single

single Dodge made, and the Bell in third's Place lies still.

Hunts 1 5.

12345			
21354	41352	51342	31542
23145	43125	53124	35124
32415	34215	35214	53214
34251	43251	53241	52341
43512	34521	35421	25431
34512	35412	53412	24513
43152	53142	35142	42153
41325	51324	31524	41235
14352	15342	13542	14253
14325	15324	13524	14235

&c.

GOGMAGOG.

IN this Peal, the Bells hunt as in *Grandsire*; and this differs from that only in this, that there is not every other Time a single Bob, but instead of a single Bob every other Time there is a double Bob; so that only once in four Times there is a single Bob; but when Tenor is Dodging behind, and the Treble leads, there is always a Single made by it, and the Bells which dodge with it.

12345					
21354	12534	14352	52134	43512	42351
23145	21543	Bob	51243	34152	24531
32415	25134	14325	15234	31425	25413
34251	52314	41352	12543	13452	52143
43521	53241	43125	21534	Bob	51234
45312	35421	34215	25143	13425	15324
54132	34512	32451	52413	31452	13542
51423	43152	23541	54231	34125	&c.
15243	41325	25314	45321	43215	

ANTILOPE.

IN this Peal the Bells hunt as in *Grandsire*; and when the Treble is before, a Single is always made by the Tenor, and the Bells which follow it, the other Bells lying ſtill a whole Pull: There are two Doubles made in this Peal at the ſame Places, and inſtead of the Singles in *Grandsire*.

12345					
21354	12543	13452	51234	42153	Bob
23145	21534	13425	15324	41235	13245
32415	25143	31452	13524	14253	—
34251	52413	34125	31542	14235	15423
43521	54231	43215	35124	—	14523
45312	45321	42351	53214	15432	—
54132	43512	24531	52341	14532	&c.
51423	34152	25413	25431	—	
15243	31425	52143	52143	12354	

CAMBRIDGE

CAMBRIDGE JOURNEY.

THIS Peal is in every Reſpect the ſame as *Gogmagog*, only in this, when the two Hunts change with each other behind, the two Bells before make a ſingle Dodge, and the Bell in third's Place lies ſtill.

Hunts 1 5.

21354	41532	31254	21534
23145	45123	32145	25143
32415	54213	23415	52413
23451	52431	32451	45321
32541	25341	23541	45312
35214	23514	25314	43512
53124	32154	52134	34152
51342	31245	51243	31425
15432	13254	15234	13452
14523	13245	12543	13425

&c.

GOGMAGOG REVERSED.

IN this Peal the Treble is whole Hunt, and Fifth is half Hunt. Every Time the whole Hunt leaves the half Hunt before the Bell that comes to her, and ſhe dodges until the Treble parts them, during which Time,

Time, when the Treble lies behind, there is a ſingle Change made by the two Bells in third and fourth's Places, lying ſtill every Time the half Hunt is coming down: If the Treble is above her when ſhe comes into third's Place, ſhe then lies one Pull in third's Place, and goes up again; and every other Time when the two Hunts are together behind the Bell in third's Place, lies ſtill and the two Bells before continue dodging once more.

Hunts 1 5.

21435	51234	31425	51243
24153	52143	34152	52134
42513	25413	43512	25314
24531	52431	34521	52341
42351	25431	43251	25341
43215	52413	34215	52314
34125	25143	43125	25134
31452	21534	41352	21543
13542	12354	14532	12453
15324	13245	15423	14235 &c.

CALENDAR.

IN this Peal the Treble is the whole Hunt, and Fifth is the half Hunt. The hunting Courſe of the Treble is thus, ſhe hunts up behind, lies one Pull there, then ſhe goes

goes down into third's Place, lies one Pull there, then goes up again, lies another Pull behind, then hunts down to the Lead, leads a Pull, then lies a Pull in ſecond's Place, and leads another Pull, which finiſheth her Courſe at every twenty Changes throughout the Peal. The Method to carry the Peal is thus: Every Time the Hunt lies ſtill in third's Place, the two firſt Bells make a ſingle Dodge, and when ſhe lies in ſecond's Place, the two next to her lie ſtill likewiſe; at all other Times the Bells hunt.

Hunts 15.

21435	21453
24153	24135
42513	42315
45231	43251
54321	34521
53412	35412
35142	53142
53124	35124
35214	53214
32541	52341
23451	25431
24315	24513
42135	42153
41253	41235
14523	14325
15432	13452
51342	31542
51324	31524
15234	13254
12543	12345

The Courſe of this Peal is forty Changes only; but then by making another Alteration, thus, when the two Hunts lie ſtill before, it will go one hundred and twenty.

51342
51432 Extre.

14523	12534	13542
15432	15243	15324
15342	15423	15234
13524	14532	12543
12435	13245	14325
14253	12354	13452
14352	12453	13254
13425	14235	12345

STEDMAN'S PRINCIPLE.

IN this Peal, every Bell hath one and the ſame Courſe, there being no proper Hunt or half Hunt therein; but the Method to be obſerved in ringing it, is this: The three foremoſt Bells go to the Sixes, and the two hind Bells dodge all the Time; now when the three foremoſt Bells have finiſhed their Courſe of the ſix Changes, a parting Change muſt then be made, by hunting that Bell up behind to dodge, which firſt took Lead of the Treble, and that Bell down that was firſt behind; which being done, the three firſt Bells go the ſix Changes again, and the two Bells behind continue dodging as before, until the next parting Change, which muſt be made after the ſame Manner as the former: The firſt parting Change in the Peal pricked down here, is made the third Change, by the Treble parting the fourth and fifth, and then the Treble and fifth dodge, till the ſecond, third, and fourth go the ſix Changes on three Bells; then another parting Change is made, by the ſecond parting the Treble and fifth; and the third, fourth, and fifth go the ſix Changes, and the Treble and ſecond dodge as before, till the next parting Change; which Courſe muſt be continued throughout the Peal: And obſerve, that

on

on six Changes the Bells cut Compass before, and the other they do not. There are two Singles made after the same Manner as in *Grandsire*; the first Single is made the fifth Time the Treble leads a whole Pull, and the last Single at the same Distance as the first, which concludes the Peal.

12345					
21354	12453	25134	23415	34152	35412
23145	21435	52143	32451	43125	34521
32415	24153	25413	34215	41352	43512
23451	42135	24531	43251	14532	45321
24315	41253	42513	42315	41523	54312
42351	14523	45231	24351	45132	53421
43215	41532	54213	42531	54123	35241
34251	45123	52431	45213	51432	53214
43521	54132	25341	54231	15423	52341
45312	51423	52314	52413	51243	25314
54321	15432	53241	25431	52134	23541
53412	51342	35214	24513	25143	32514
35421	53124	32541	42153	21534	32154
34512	35142	23514	24135	12543	21345
43152	31524	32154	21453	15234	12354
34125	13542	31245	12435	51324	Single
31452	15324	13254	14253	15342	12345
13425	51234	Single	41235	13524	
14352	15243	13245	14325	31542	
41325	12534	31254	13452	35124	
14235	21543	32145	31425	53142	

These five Peals upon five Bells being several of them new, and the rest the most musical and best extant, we think them sufficient for to satisfy any reasonable Person.

The

The next Thing in Courſe to be treated of, is, Peals upon ſix Bell; but before we proceed to them, it will be neceſſary to make ſome few but general Obſervations, for the more eaſy and effectual guiding the Learner therein.

MERMAID.

13254	12435
31245	21345
32154	12354
23145	21534
21354	12543
12534	15234
15243	51243
51234	15423
52143	51432
25134	15342
21543	51324
21453	53124

IN this Peal they go the Sixes before, whilſt the two Bells behind dodge twice over; at the twelfth Change there is a Single made by the two Bells before lying ſtill, then they go Sixes behind, whilſt the two Bells before dodge twice over, and at the twenty-fourth Change a ſingle Dodge is made by the two Bells behind lying ſtill; which being repeated five Times, completes the hundred and twenty Changes.

SUCCESS

SUCCESS.

21354	24351
12534	23415
21543	32451
12453	34215
21435	43251
24153	34521
42513	35412
24531	53421
42351	54312
24315	45321
42135	43512
42315	43521

This is the one fifth Part of the Peal, which being repeated five Times completes the hundred and twenty Changes.

Of PEALS *on* SIX BELLS.

NOW upon six Bells there are seven hundred and twenty Changes, as will very plainly appear, if you multiply the hundred and twenty upon Five by the additional Figure Six, the Product will be seven hundred and twenty, the true Number of Changes on six Bells, which Changes are to be pricked, according to modern Computation, seven hundred and twenty several Ways and no more.

These seven hundred and twenty Changes may be divided into several Parts or Peals, as you please; as one hundred and forty four the one fifth; one hundred and eighty the one fourth Part of the Whole; or three hundred and sixty the one half; in which the chief Things to be observed are the Hunts, which are three, termed the whole Hunt, the half Hunt, and the quarter Hunt; and the Figures on the Top of each Peal relate thereunto; as on the Top of *Grandsire Bob* you see 1 6 4; that is, Treble the whole Hunt, six the half Hunt, and four the quarter Hunt; and so in the rest. Now he who ringeth the half Hunt, by observing the following Directions that are given to each Peal, may easiest give Notice of the Bob Changes, which must be just as the whole Hunt goeth to lead at the Fore-stroke, the Bob Change in all Peals upon six Bells being made at Back-stroke, by saying *Bob*.

But lest the shortest of these Peals should at first seem too tedious, and the making of Bobs too difficult for the Learner to adventure upon at first Sight, as we may very reasonably suppose they will, we shall therefore insert the Principle or Course only of one or two Peals, that by his being thoroughly perfect therein, he may, with more Ease, and less Difficulty, gain an Insight in making of a Bob Change: And, first, for the Course of

GRANDSIRE

GRANDSIRE BOB, *commonly called* PLAIN BOB.

IN ringing of which there are two Methods or Rules to be obſerved, whereby this Peal may be rung; and the firſt is, by the Meeting of the Treble as it hunteth down from behind; that is, any Bell that meets the Treble in fifth's Place, and it in ſixth's, lies a Pull behind, and then hunts down into the third's Place, where it makes a Dodge with the Bell that is in the fourth's Place, by moving up again into the fourth's Place, and the Bell in fourth's down into third's, and then proceed into the Courſe as they were going before the Dodge, be it up or down: Any Bell that meets the Treble in fourth's Place, and it in fifth's, goeth behind, where it lies a whole Pull, and then moves down into the fifth's Place, and dodgeth back again into the ſixth's Place, and then hunts down to lead: Any Bell that meets the Treble in third's Place, and it in fourth's, as ſoon as it cometh behind, it makes a Dodge back again into the fifth's Place, and then comes behind again, and lies there a whole Pull before it hunts down; and any Bell that meets the Treble in ſecond's Place, and it in third's, as ſoon as it comes into the fourth's Place, it dodgeth back again into the third's, and then

hunts directly up behind, where it lies a whole Pull before it moves down again; and any Bell, from which the Treble takes the Lead, lies next the Treble a whole Pull, and then leads again; and this is the Courſe of ringing this Peal by meeting of the Treble. The other Way of ringing it is a far more ſhort and eaſy Method; but it is Practice only that muſt perfect the Ringer therein; and that is by hunting your Bell up and down, as the Courſe of the Bell you ring requires, till ſuch Time as the Treble leads; and then the Bell in ſecond's Place lieth ſtill, and the Bells in third, fourth, fifth, and ſixth's Places make a ſingle Dodge, and proceed in the ſame Courſe as they were going before ſuch Dodge was made; and this is the other Way of ringing it, as by the following Figures may more largely be ſeen. This Peal being the true Grounds of all other Peals, and in Muſic, not in the leaſt inferior to any, we do therefore adviſe all Practitioners to be thoroughly perfect therein, as the only Means whereby they may, with a little Practice, attain to the true Knowledge and Underſtanding of any other.

The Course of GRANDSIRE, *or* PLAIN BOB.

123456				
214365	321456	352146	536214	563421
241635	234165	325416	352641	536241
426153	243615	234561	325461	352641
462513	426351	243651	234516	325164
645231	462531	426315	243156	231546
654321	645213	462135	421365	213456
563412	654123	641253	412635	124365
536142	561432	614523	146253	123456
351624	516342	165432	142635	
315264	153624	164523	416253	
132546	156342	615432	461523	
135264	513624	651342	645132	
312546	531264	563124	654312	

The Course of COLLEGE SINGLE BOB.

THERE is but one Method to be observed in the ringing of this Peal; and that is, by meeting the Treble only; Any two Bells that the Treble, when it comes from behind, leaves in the fifth and sixth's Places, those two Bells continue dodging till such Time as the Treble comes up again and parts them; and every Bell that

meets the Treble under the fourth's Place, that is, the Treble in third's, and it in fourth's; the Treble in second's, and it in third's; any such Bell so meeting the Treble, goeth no higher than into the fourth's Place, where it lieth a whole Pull, and then moves down to lead: And this is the Course of this Peal, as by the following Figures may be seen:

123456					
214365	316524	512436	413652	615243	
241356	361542	521463	431625	651234	
423165	635124	254136	346152	562143	
432615	653214	245316	364512	526413	
346251	562341	423561	635421	254631	
364521	526431	432651	653241	245361	
635412	254613	346215	562314	423516	
653142	245163	364125	526134	432156	
561324	421536	631452	251643	341265	
516342	412563	613425	215634	314256	
153624	145236	164352	120543	132465	
135642	154263	146325	162534	123456	

Now the Practitioner being thoroughly perfect in the Courses of these two Peals, he may then proceed to one hundred and eighty, or three hundred and sixty of *Grandsire Bob*, as followeth:

The Course of the one hundred and eighty is the same in all Respects as the foregoing Course of this Peal, except when a Bob is to be made, and then the Bell in fourth's Place lieth still, and the Bell in second's Place hunts directly up behind: The Bobs are to be made

made every Time the half and quarter Hunts, which in the following Peal is the fixth and fourth, dodgeth behind; and three Bobs finish the Peal.

GRANDSIRE BOB 180.

Hunts 1 6 4.

123456				
214365	132546	154263	146325	165432
241635	Bob	152436	143652	164523
426153	123564	125346	134562	146253
462513	132654	Bob	135426	142635
645231	136245	152364	153246	124365
654321	163425	125634	Bob	123456
563412	164352	126543	135264	
536142	146532	162453	153624	
315624	145623	164235	156342	
315264				

Having before set down the whole Course at Length, we have here only inserted the Treble Leadings.

To ring an eighteen score of this Peal; every Time the half Hunt dodgeth behind, a Bob muft then be made, except the quarter Hunt dodgeth with it, and then not; as in the following eighteen score may be seen:

GRANDSIRE BOB 360.

Hunts 1 6 5.

123456			
214365	132654	154632	152364
241635	136245	156423	Bob
426153	163425	165243	125346
462513	164352	162534	152436
645231	146532	126354	Bob
654321	145623	123645	125463
563412	154263	132465	124536
536142	Bob	134256	Bob
351624	145236	143526	142563
315264	154326	Bob	153462
132546	Bob	134562	Bob
Bob	145362		135426
123564			153246
			Bob
			135264

If for ſeven hundred and twenty, the Singles are made thus:

123465	123465
First Single	Laſt Single
124356	1234, 6, &c.

In all Peals upon ſix Bells, that require Singles to be made to carry on the Peal ſeven hundred and twenty Changes, the moſt uſual Way now in Practice is, to make one at the End of the eighteen ſcore, and the other at

at the End of the next eighteen ſcore; ſo that the laſt ſingle Change completes the Peal.

And this further Obſervation may be made, that in all Peals where the Bell in ſecond's Place lies ſtill at a Dodge, the Bell in fourth's Place lies ſtill at a Bob and that the half Hunt is always behind and out of the Bob, and doth not alter it's Courſe neither in Dodge nor Bob, when ſhe is behind.

GRANDSIRE BOB REVERSED.

Hunts 1 6 5.

THE Method of this Peal is thus, every Time the Treble is behind, the Bell in fifth's Place lies ſtill, and the firſt four make a ſingle Dodge, and part; and when the Bobs are called, it is when the Treble is behind, where the Bell in third's Place lies ſtill, inſtead of fifth's Place.

The FIRST SIXSCORE.

123456			
214635	645231	623451	The Bobs are called thus: every Time the fixth dodges before without the fifth, when Treble is behind.
241635	Bob	Bob	
426153	465321	263541	
462513	456231	236451	
645231	542631	324651	
462531	524361	342561	
645213	243561	432561	
654123	253461	453621	
561432	326541	546321	
516342	362451	564231	
153624	Bob	652431	
135264	632541	134256	

First Single
563421
653421
Second Single
564321
654321

COLLEGE SINGLE BOB, 144.

Hunts 1 6 5.

TO ring one hundred and forty four of this Peal; every Time the Treble leads, a Bob muſt then be made, except when the half and quarter Hunts dodge together behind, which happens in a Courſe every fourth Leading of the Treble; and nine Bobs finiſh the Peal; as in this pricked down. At a Bob the Bell in fourth's Place hunts up, and the Bell

Bell in fifth's comes down; as may be here ſeen.

123456				
214356	158624	124365	Bob	156423
241356	Bob	142356	163542	165324
423165	135264	152643	143265	Bob
432615	165432	Bob	134256	162534
346251	Bob	125463	154632	132465
364521	156342	165324	Bob	123456
635412		Bob	145362	
653142	146253	156234	165243	
561324	Bob	136452	Bob	
516342	164523			

To ring a hundred and eighty of this Peal; every Time the half Hunt makes a Change next the whole Hunt, a Bob muſt then be made; and three Bobs conclude the Peal.

To ring three hundred and ſixty of this Peal; every Time the half Hunt is in ſecond's Place going up, or in third's Place coming down, a Bob muſt then be made, except the quarter Hunt be in one of thoſe Places with it, and then not; as by the following eighteen ſcore may be ſeen.

Hunts 1 3 5.

123456				
214365	135642	143526	Bob	136452
241356	145236	Bob	132654	132546
423165	154263	134256	134562	Bob
432615	164352	136425	Bob	123456
346251	146325	Bob	143652	
364521	120543	163254	134625	
635412	162534	136524	Bob	
653142	132465	Bob	143265	
561324	Bob	163425	163542	
516342	123645	123564	Bob	
153624				

If for seven hundred and twenty, the Singles thus:

132546	123546
First Single	Last Single
132456	123456

COURT SINGLE BOB.

Hunts 1 3 5.

IN this Peal the Treble is Hunt; and when it comes from behind, the two Bells that it leaves in the fixth and fifth's Places continue dodging till the Treble comes to lead, and then the Bell in fourth's Place goes up, and the Bell in fifth's comes down

down, as at a *College Single Bob*; but at a Bob the Bell in fourth's Place lies ſtill, and the two Bells behind continue dodging till Treble parts them: The Method for the Bobs is the ſame as in the foregoing Peal.

123456					
214365	235146	632541	163425	Bob	
241356	253416	623451	Bob	163254	
423165	524361	264315	136452	136524	
432615	542631	246135	134625	Bob	
346251	456213	421653	Bob	163542	
364521	465123	412635	143652	143265	
635412	641532	146253	134562	Bob	
653142	614523	164523	Bob	134256	
561324	165432	124365	143526	132465	
516342	156342	142635	123645	Bob	
153624	513624	132546	Bob	123456	
135264	531624	Bob	132654		
312546	356124	123564	136245		
321564	365214				

For ſeven hundred and twenty the Singles.

132465 First Single 132456	123465 Laſt Single 123456

OXFORD

OXFORD SINGLE BOB.

Hunts 16 4.

THE Course of this Peal is the same as the foregoing Peal, till the Leading of the Treble, and then the Bell in second's Place lies still a whole Pull, and the Bells in third and fourth's Places make a single Dodge, except at a Bob, and then the Bell in fourth's Place lies still a whole Pull, and then moves down to lead, and the Bell in second's Place moves up into fourth's; and every Time the half Hunt dodgeth behind, a Bob must be made, except the quarter Hunt dodge with it, and then not.

123456				
214365	146253	156234	Bob	154326
241356	142635	136452	143526	Bob
423165	132546	134625	134256	145362
432615	132564		Bob	132465
346251		124536	143265	Bob
364521	165432	Bob		123456
635412	164523	142563	125463	
653142			Bob	
561324	124365	153462	152436	
516342	Bob	Bob		
153624	142356	135426	154263	
156342			Bob	
	152643	134562	145236	

For

For ſeven hundred and twenty the Singles:

132465 First Single 132456	123465 Laſt Single 123456

GRANDSIRE DOUBLE BOB.

Hunts 1 3 4.

IN this Peal the Treble hath a direct hunting Courſe; and as ſoon as it moves out of the fourth's Place, the Bells in firſt and ſecond's Places dodge until it comes down and parts them; as ſoon as the Treble comes behind, the Bell in fifth's Place lies ſtill a whole Pull, and the Bells in third and fourth's make a ſingle Dodge; then the Bell in fifth's Place goes behind, where it lies a whole Pull, and then moves down to lead; every Bell that comes from behind, when the Bells are dodging before, goes no lower than into the third's Place, where it lies a whole Pull, and then moves up again; when the Treble leads, the Bell in fourth's Place goes up, and the Bell in fifth's comes down, except at a Bob, and then the Bell in fourth's Place lies ſtill, and the Bells behind make a ſingle Dodge;

and

and every Time the half Hunt is in second or third's Place, a Bob must then be made, except the quarter Hunt be in one of those Places, and then not.

123456				
214365	164352	Bob	135426	Bob
241635	146532	135264	Bob	123456
426153	156423	136452	153462	For seven hundred and twenty the Singles.
246513	165243	Bob		
425631		163425	135642	
246531	125634		Bob	
425613	152364	136245	153624	132465
245163		Bob		First Single
421536	132546	163254	163542	123456
412356	Bob	123645	Bob	123465
143265	123564	Bob	136524	Last Single
134625	153246	132654	132465	123456

COLLEGE DOUBLE BOB.

Hunts 1 3 5.

THE Course of this Peal is the same as *College Single*, only in this it differs: That when the Treble moves up from leading, the Bells in first and second's Places dodge, and continue dodging till it comes down again and parts them: Every Bell that comes into third's Place, when the Bells are dodging before, lies there a whole Pull, and then moves up again: The

Bobs

Bobs are made after the ſame Manner as in *College Single*, and called by the ſame Rule.

123456				
214365	145236	Bob	Bob	Bob
241356	154263	123645	163425	143265
423165	126543	143526	123564	163542
243615	162534	Bob	Bob	Bob
426351	153624	134256	132654	136452
246531	135642	136524	134562	132546
425613	164352	Bob	Bob	Bob
245163	146325	163254	141652	123456
421536	132465	136245	134625	
412563				

The Singles for the ſeven hundred and twenty are the ſame as in College Single.

LONDON DOUBLE BOB.

Hunts 1 3 5.

IN this Peal the Treble is Hunt; and when it moves up from Leading, the two foremoſt Bells continue dodging till it comes down and parts them: The Bell that comes into third's Place when the Treble is hunting up, lies there a whole Pull, and when the Treble is behind, the Bell in fifth's Place lies ſtill, and the Bells

in

in third and fourth's Places make a single Dodge: When Treble leads, the Bell in fourth's Place goes up, and the Bell in fifth's comes down, except at a Bob, and then the Bell in fourth's Place lies still, as in *Court Single Bob*, The Bobs are the same, and called by the same Rule as in that.

123456				
214365	146253	Bob	Bob	Bob
241356	164523	123564	143526	163542
423165	153624	163425	123645	143265
243615	135264	Bob	Bob	Bob
426351	124365	136452	132654	134256
243651	142635	134625	136245	132465
426315	165432	Bob	Bob	Bob
246135	156342	143652	163254	123456
421653				
412635	132546	134562	136524	

The Singles are the same as in Court Single Bob.

OXFORD DOUBLE BOB.

Hunts 1 6 4.

THE Course of this Peal is the same as *Oxford Single*, only that the Bells before dodge till Treble parts them; and when

when the Treble is behind, the Bell in fifth's Place lies ſtill; and the Bells in third, and fourth's Places make a ſingle Dodge; then the Bell in fifth's Place goes behind, and the Treble hunts down to lead: The Bobs are made in the ſame Manner, and called by the ſame Rule as in *Oxford Single.*

123456				
214356	146253	Bob	Bob	Bob
241356	142635	142356	143526	145236
423165	165432	124936	134256	150326
243615	164523	Bob	Bob	Bob
426351	153624	142563	143265	145362
243651	156342	153462	125463	132465
426315	132546	Bob	Bob	Bob
246135	135264	135426	152436	123456
421653	124365	134562	152436	
412635				

For ſeven hundred and twenty, the Singles are the ſame as in Oxford Single.

COURT

COURT BOB.

Hunts 1 3 5.

IN this Peal the Treble hath a plain hunting Courſe; and when it moves up from Leading, the Bell in third's Place lies ſtill, and the two foremoſt Bells make a ſingle Dodge; then the Bell in third's Place moves up, and likewiſe the Bell that firſt took the Lead of the Treble, and the Bell which dodgeth with it leads a whole Pull, and then makes another ſingle Dodge with the next Bell that comes down to it, the Bell that happens in third's Place lying ſtill, as before, and then moves up into the fourth's Place to make Room for the Treble: When the Treble leads, the Bell in fourth's Place goes up behind, and the Bell in fifth's comes down, as at *College Single Bob*, except at a Bob, and then the Bell in fourth's Place lies ſtill, and the two hindmoſt Bells dodge till Treble parts them, as at a *College Single Treble leading*; and every Time the half Hunt is in ſecond or third's Place, a Bob muſt be made, except the quarter Hunt be in one of thoſe Places with it, and then not.

123456				
214365	165432	Bob	Bob	Bob
241356	156342	125564	143526	163542
423165	124365	163425	123645	143265
243615	142635	Bob	Bob	Bob
426351	153624	136452	132654	134256
462531	135264	134625	136245	132465
645213	146253	Bob	Bob	Bob
465123	164523	143652	163254	123456
641532	132546	134562	132465	
614523				

For seven hundred and twenty, the Singles are the same as in the foregoing Peal.

New

NEW LONDON PEALS UPON SIX BELLS.

COMPOSED

By JOHN PATRICK, and others.

LONDON DELIGHT.

Hunts 1 3 5.

IN this Peal the Treble hath a direct hunting Courſe; and when it lies behind, the Bell in fifth's Place lies ſtill a whole Pull, and the other Four make a ſingle Dodge; then the Bell in fifth's Place goes behind, and all the Bells go a hunting Courſe till Treble leads; and then the Bell in fourth's Place lies ſtill, and the two hind Bells make a ſingle Dodge, and then proceed in their Courſe as before: At a Bob, the Bell in fourth's Place goes up, and the Bell in fifth's comes down; and every Time

Time the half Hunt is in ſecond and third's Places, if the whole Hunt leads, a Bob muſt then be made, except the quarter Hunt be in one of thoſe Places, and then not.

123456				
214365	135642	143526	Bob	136452
241635	145236	Bob	132654	132546
426153	154263	134256	134562	Bob
462513	164352	136524	Bob	123456
645231	146325	Bob	143652	For leven hun-
462531	126543	163254	134625	dred and twen-
645213	162534	136254	Bob	ty the Singles.
654123	132465	Bob	143265	132546
561432	Bob	163425	163542	132456
516342	123645	123564	Bob	123546
153624				123456

LONDON NEW BOB.

Hunts 1 5 6.

EVERY Bell in this Peal hath a direct hunting Courſe, till the Treble comes behind; then the Bell in third's Place lies ſtill, and the two foremoſt Bells make a ſingle Dodge; then the Bell in third's Place moves up, and all the Bells go a hunting Courſe, till Treble leads; and

and then the Bell in second's Place lies still, and the other four make a single Dodge, except at a Bob; and then the Bell in fourth's Place lies still, and the Bell in second's Place hunts up, and the two hindmost Bells make a Dodge; and every Time the half Hunt dodges behind, a Bob must be made, except the quarter Hunt dodge with it, and then not.

Hunts 1 2.

123456	164235	126354	Bob
214365	Bob		136245
241635		162453	163542
426153	146253	Bob	165324
462513	164352	126435	156423
645231	Bob		154632
465321	146325	124653	
643512		Bob	145236
634152	143652	142635	142563
361425	Bob		124365
316245	134625	163425	123456
132654		Bob	
Bob	162345	136452	
123645	Bob	163254	

For seven hundred and twenty the Singles.

124365
124356
123465
123456

LANCASHIRE DELIGHT.

Hunts 1 3 4.

IN this Peal the Treble is hunt; and when it moves up from Leading, the Bells before dodge till it comes and parts them;

Bells before dodge till it comes and parts them; and every Bell that comes into the third's Place goes no lower, but lies there a whole Pull, and then moves up, except the Bell that comes there when the Treble leads, moves down; when the Treble is behind, the Bell in fifth's Place lies ſtill a whole Pull, and the Bells in third and fourth's Places make a ſingle Dodge; when the Treble leads, the Bell in fourth's Place goes up, and the Bell in fifth's Place comes down, except at a Bob; and then the Bell in fourth's Place lies ſtill, and the Bells behind make a ſingle Dodge every Time the half Hunt is in ſecond or third's Place, except the quarter Hunt be with it, and then not.

123456				
214365	146532	Bob	Bob	For ſeven hundred and twenty the Singles.
241635	156423	163425	153624	
426153	165243	136245	163542	
246513	125634	Bob	Bob	
425631	152364	163254	136524	132465
246531	132546	123645	132465	First Single
425613	Bob	Bob	Bob	123456
245163	123564	132654	123456	
421536	153246	135426		
412356	Bob	Bob		123465
143265	135264	153462		Laſt Single
134625	136452	135642		123456
164352				

DUNSTABLE BOB.

Hunts 1:5 6.

IN this Peal the Treble hath only a plain hunting Course; for as soon as it comes behind, the Bell in fifth's Place lies still a whole Pull, and the other four make a single Dodge: The two Bells that the Treble leaves in fifth's and sixth's Places continue dodging, till it comes and parts them, except at a Bob: Every Bell that meets the Treble under fourth's Place, goes no higher, but lies a whole Pull, in fourth's Place, and then moves down again: At a Bob, the Bell in fourth's Place goes up, and the Bell in fifth's Place comes down; and every Time the half Hunt is in second or third's Place, a Bob must then be made, except the quarter Hunt be with it, and then not.

123456				
214365	613425	135426	Bob	152436
241356	164352	125634	145236	Bob
423165	146325	Bob	135642	125346
432615	153624	152364	Bob	145623
346251	Bob	154632	153462	Bob
436251	135264	Bob	152643	154263
346215	153246	145362	Bob	132465
364125	Bob	154326	125463	123456
631452				

For seven hundred and twenty, the Singles are the same as the former.

LEDBURY

LEDBURY BOB.

Hunts 165.

THIS Peal is the ſame as the former, except in this; That when the Treble is behind, the Bell in third's Place lies ſtill a whole Pull, and the two foremoſt Bells make a ſingle Dodge: The Method for the Bobs is the ſame; and they are to be made after the ſame Manner as in the foregoing Peal.

123456				
214365	154326	152436	153246	146253
241356	Bob	Bob	Bob	164235
423165	145236	125346	135426	132465
432615	154263	152364	153462	123456
346251	Bob	Bob	Bob	
436521	145623	125634	135642	
345612	145362	145362	125463	
354162	Bob	Bob	Bob	
531426	154632	154632	152643	
513462				

For ſeven hundred and twenty, the Singles as before.

ALBION'S DELIGHT.

Hunts 1 3 6.

IN this Peal the Treble is Hunt; and as ſoon as it moves out of fourth's Place, the two foremoſt Bells dodge till the Treble comes down and parts them; when the Treble lies behind, the Bell in fifth's Place lies ſtill, and the Bells in third and fourth's Places make a ſingle Dodge: the two Bells that the Treble, when it comes from behind, leaves in the fifth and ſixth Places doge till it comes up again and parts them; every Bell that meets the Treble as it hunts down under the fourth's Place, goes no higher, but lies a whole Pull in the fourth's Place, and then moves down to lead; except at a Bob, and then the Bell in fourth's Place comes down: And the Rule for calling them is the ſame as in the foregoing Peal.

123456

123456				
214365	146253	Bob	Bob	Bob
241356	164235	123645	143652	153624
423165	125634	153462	123564	143265
243615	152643	Bob	Bob	Bob
426351	163542	135642	132654	134625
243651	136524	134256	135426	132546
426315	154320	Bob	Bob	Bob
246135	145362	143526	153246	123456
421653	132405	134562	135204	
412635				

For ſeven hundred and twenty the Singles:

132546	123546
First Single	Laſt Single
132456	123456

BRIDGE'S PLEASURE. *By* J. D.

Hunts 1 3 4.

THE Treble only in this Peal hath a plain hunting Courſe; for as ſoon as it leaves Leading, the Bell in ſixth's Place hunts down into third's Place, where it lies a whole Pull, whilſt the two foremoſt Bells make a ſingle Dodge; then the Bell in third's Place, and the Bell that firſt took lead of the Treble, move up, and the other

Bell leads a whole Pull, and then makes another Dodge with the next Bell that comes down to it; the Bell that then happens in third's Place lying ſtill as before: After which, every Bell hath a hunting Courſe, till the dodging again hinders. When the whole Hunt leads, and the half Hunt happens in ſecond or third's Place, a Bob muſt then be made, except the quarter Hunt be with it, and then not. At a Bob, the Bell in fourth's Place lies ſtill, and the two hind Bells make a ſingle Dodge.

123456				
214365	156423	Bob	Bob	Bob
241635	165243	123564	163254	153624
426153	143265	153246	123645	163542
246513	134625	Bob	Bob	Bob
425631	125634	135264	132654	136524
452361	152364	136452	135426	132465
543216	164352	Bob	Bob	Bob
453126	146532	163425	153462	123456
541362	132546	136245	135642	
514632				

For ſeven hundred and twenty, the Singles thus:

132465 Firſt Single 132456	123465 Laſt Single 123456

ST. CLEMENT's

ST. CLEMENT'S BOB. *By* J. D.

Hunts 136.

IN this Peal the Treble hath a hunting-Courſe; and as ſoon as it leaves the fourth's Place, the foremoſt Bells dodge till it comes down and parts them: Every Bell that comes from behind, goes no lower than third's Place, excepting the Bell that happens there when the Treble goes to lead hunts down: When the Treble leads, the Bell in fourth's Place lies ſtill a whole Pull, and the two hindmoſt Bells make a ſingle Dodge: At a Bob, the Bell in fourth's Place goes up, and the Bell in fifth's Place comes down; and they are called by the ſame Rule as in the foregoing Peal.

123456				
214365	164235	153462	Bob	134625
241635	125634	Bob	132654	132546
426153	152643	135642	135426	Bob
246513	163542	134256	Bob	123456
425631	136524	Bob	153246	
245361	154326	143526	135264	
423516	145362	134562	Bob	
243156	132465	Bob	153624	
421365	Bob	143652	143265	
412635	123645	123564	Bob	
146253				

For seven hundred and twenty, the Singles;

132546	123546
First Single	Last Single
132456	123456

GRANDSIRE COURT.

Hunts 1 5 6.

214365	125634	135426
241356	Bob	Bob
423165	152643	153462
432615	136245	124365
346251	163425	142635
432651	154326	156234
346215	Bob	165324
364125	145362	143526
631452	123564	134256
613425	132654	
164352	146253	
146532	164523	

IN this Peal, when Treble is behind, the Bell in fifth's Place lies ſtill, and the four firſt make a ſingle Dodge, and when ſhe comes from behind, until ſhe comes there again, the Peal the ſame as *Court Bob*.

Alteration

Alteration of Hunts SINGLE BOB *Method.*

THE Courſe of this Peal is the ſame as in *College Single Bob*, with one Hunt; therefore the chief Thing to be obſerved herein, is, when the Hunt is altered; which Bell takes the Hunt's Place; and likewiſe to make the aforeſaid Alteration in it's proper Place: Now in this Peal, every Bell goes Hunt for two Leadings; and firſt the Treble is Hunt, till the ſecond Time it comes to lead, and then a Dodge is made by it, and the Bell lying next it, which is the fourth; then the Treble leads a whole Pull, and the fourth goes Hunt in the Treble's Place: Now, when the fourth has hunted two Leadings, the ſame Alteration is to be made again, between the fourth and the Bell that lies next it, which is third, as was before made between the Treble and fourth; and this Method is to be continued throughout the Peal. And obſerve, that in an Alteration of the Hunt, the Bell in third's Place lies ſtill, the Bell in fourth's Place goes up, and the Bell in fifth's Place comes down. The Bobs are in Courſe at the End of every ten Leadings,

ings, and made after the ſame Manner as in *College Single.*

But Note, *That at a Bob there is no Alteration made in the Hunt, but the ſame Hunt continues till the ſecond Leading after the Bob.*

123456				
214365	516342	342516	254136	312456
241356	153624	312645	234651	132546
423165	135642	321654	243615	Bob
432615	145236	351426	213546	123456
346251	415326	531246	Bob	
364521	425613	541632	231456	
635412	452631	514623	321546	
653142	432156	524316	Bob	
561324				

Alteration of Hunts.

THE Courſe of this Peal is the ſame as the foregoing Peal, ſaving only that in this, there is an Alteration made in the Hunt every Leading: The firſt Leading Treble is Hunt, and when it comes to lead, there is an Alteration then made, by the Bell next it making a Dodge with it, which is fifth, and the fifth goes Hunt; and when it comes to lead, the ſame Alteration is to be made again; and this muſt be

continued

continued throughout the Peal: The Bobs are the ſame; but you muſt obſerve to call them by this Method, the third Leading, the ſecond Leading after, and the fifth Leading after, which carries the firſt Six Score; and the ſame Method goes the next Six Score; and ſo on to the End of the Peal.

But Note, *That at an Alteration of the Hunt in this Peal, the Bells in third and fourth's Places lie ſtill.*

123456				
214365	146253	421563	154162	632451
241356	156342	241536	364251	652134
423165	Bob	231645	Bob	562143
432615	165432	Bob	346521	542361
346251	135264	213465	326145	452316
364521	315246	263514	236154	412653
635412	345612	623541	256431	142635
653142	435621	643125	526413	132546
561324	425136	Bob	516324	Bob
516342	245163	634215	Bob	123456
153624	265341	614532	561234	
513642	625314	164523	531462	
543210	615423	124305	351426	
453261	Bob	214356	321654	
463152	651243	254613	Bob	
Bob	641352	524631	312564	
436512	461325	534126	362415	
416235				

Alteration

Alteration of Hunts.

THE Courſe of this Peal is the ſame as the preceding Peal, except at a Bob; for whereas in the preceding Peal, at a Bob, the Bell in fourth's Place moves up, and the Bell in fifth's Place comes down; on the contrary in this, the Bell in fourth's Place lies ſtill at a Bob, and the two hind Bells continue dodging till the Hunt parts them. The Method of Bobs is thus; the firſt Bob is made at the third Leading; the ſecond three Leadings after the firſt; and the third four Leadings after the ſecond, which finiſhes the firſt Six Score: And the ſame Courſe and Method muſt be obſerved throughout the Peal; as by the ſubſequent Figures may be ſeen:

12345[6]

123456				
214365	426531	216453	631425	153462
241356	246513	126435	361452	513426
423165	216345	136524	351264	523614
432615	126354	316542	531246	Bob
346251	156423	346215	541632	532641
364521	Bob	Bob	Bob	542136
635412	165432	364251	514623	452163
653142	135264	354162	524316	462351
561324	315246	534126	254361	642315
516342	345621	524361	264153	612543
153624	435621	254613	624135	162534
513642	425136	214356	634521	132465
543216	245163	Bob	Bob	Bob
453261	265341	241365	643512	123456
463152	Bob	261543	613245	
Bob	256314	621534	163254	
436125				

The Courſe of this Peal is the ſame with the foregoing Peals, only it differs in the Alteration of the Hunts; for, whereas in the firſt of theſe Peals the Hunt is altered every ſecond Leading, in this it is only altered at a Bob; ſo that whatſoever Bell takes the Hunt's Place at the firſt Bob, continues Hunt until the next Bob. And obſerve, that, at every Alteration, the Bells in third and ſixth's Places lie ſtill; and the Bell in fourth's Place goes up, and the Bell in fifth's Place comes down; and you muſt make the firſt Bob the fifth Leading, the ſecond two Leadings after the firſt, and

the

the third Bob three Leadings after the ſecond; and ſo on to the End of the Peal.

123456				
214365	126543	542361	351426	463521
241356	162534	524316	315462	Bob
423165	132465	514623	365214	643251
432615	Bob	541632	356241	653142
346251	312645	531246	346152	635124
364521	342516	513264	Bob	625431
635412	324561	563412	436512	Bob
653142	364125	536421	416235	265341
561324	634215	526134	461253	245163
516342	614532	Bob	451362	254136
153624	641523	256314	415326	234651
135642	623145	216435	425613	243615
145236	612354	261453	452631	213546
154263	652413	231564	423156	Bob
164352	Bob	Bob	423165	123456
146325	265341	321654		

Alteration of Hunts Court Bob Way.

THE principal Courſe of this Peal is the ſame as in *Court Bob*, with one Hunt, excepting the Alterations that are made in the Hunt (which in this Peal is every

every Time the Hunt comes to lead) muſt be made after the ſame Manner, as in the preceding Peals; obſerving that at every Alteration the Bells in third and fourth's Places lie ſtill, and the two hind Bells dodge till the Hunt parts them; except at a Bob, and then the Bells in third and fifth's Places hunt down, and ſecond and fourth's Places hunt up. The Method for the Bobs in this Peal, is the fifth Leading of the Hunt, the next Leading after, and the fourth Leading after; which finiſhes the Six Score: The ſame Method carries on the remaining Part of the Peal.

123456				
214365	213465	543216	513642	436512
241356	Bob	453261	524631	421563
423165	231645	416235	Bob	241536
243615	254613	146253	542361	263514
426351	Bob	135264	516324	623541
462531	245163	315246	156342	614532
645213	236154	364251	124365	164523
465123	326145	Bob	214356	132546
641532	354162	346521	265341	Bob
614523	534126	312564	625314	123456.
165432	562143	Bob	641352	
615423	652134	321654	461325	
632451	643125	345612	452316	
362415	Bob	435621	Bob	
351426	634215	412653	425136	
531462	651243	142635	463152	
526413	561234	153624	Bob	
256431				

The

The Courſe of this Peal is the ſame as *Court Bob*, with one Hunt; and it differs from the foregoing Peal, that the Alteration of the Hunt is only at ſuch Times as a Bob is to be made; ſo that a Bell goes Hunt from Bob to Bob; at an Alteration of the Hunt, the Bell in third and fourth's Place lies ſtill; but at a conſtant Leading of the Hunt, the Bells in third and fifth's Places hunt down, and ſecond and fourth hunt up. The Method of calling the Bobs is, the fifth Leading, the fourth Leading after, and the next Leading after; which Bob ends the firſt Courſe, or ſix Score of the Peal: The ſame Method being obſerved, carries the Peal three hundred and ſixty Changes; as followeth:

123456				
214365	164523	643125	254613	Bob
241356	132546	634215	231645	543216
423165	Bob	651243	Bob	561234
243615	312564	615423	321654	516324
426351	346521	632451	345612	542361
462531	364251	623541	Bob	524631
645213	315246	614532	435621	513642
465123	351426	641352	412653	531462
641532	62415	625314	421563	526413
614523	326145	Bob	436512	Bob
165432	354162	265341	463152	256431
156342	Bob	214356	425136	213465
124365	534126	241536	452316	Bob
142635	562143	263514	461325	123456
153624	Bob	236154	416235	
135264	652134	245163	453261	
146253				

Alteration

Alteration of Hunts Double Bob Way.

THE Courſe of this Peal is the ſame as *Double Bob*, with one Hunt; excepting that every Time the Hunt comes to lead (except at a Bob) an Alteration is then to be made, according to the ſame general Method as in *Single Bob*; at which Alteration the Bell in third's Place lies ſtill, the Bell in fourth's Place goes up, and the Bell in fifth's Place comes down; but at a Bob, there is no Alteration made in the Hunt, for the ſame Hunt continues till the next Leading, and the Bell in third's Place moves down, and the Bell in fourth's Place lies ſtill. The Method for calling the Bobs is the ſame as in the foregoing Peal.

123456

123456				
214365	254136	652413	364215	Bob
241356	213546	562143	312645	563412
423165	Bob	514623	Bob	541632
243615	231564	154263	321654	451362
426351	256314	126543	365214	436512
246531	526134	216453	Bob	346152
425613	513264	245163	356241	315462
245163	153624	425613	324561	135642
421536	162534	461253	234651	164352
412563	612354	Bob	265341	Bob
145236	635142	416235	625431	146325
415326	Bob	423105	643251	132465
432156	653142	243615	463521	Bob
342516	614532	261435	452631	123456
351426	Bob	621345	542361	
531246	641523	634215	536421	
524316				

Of TREBLE BOB.

SO called, from the constant dodging Course that is assigned unto the Treble; for, whereas in all other Peals, where the Treble has a plain hunting Course, the Course or Length of Treble leading is no more than twelve Changes; but in the following Peals, the Treble having a double Course, by dodging before, in the Middle, and behind, before, and after having lain still,

ſtill, or led a whole Pull, that Courſe is doubled; ſo that every Leading contains twenty-four Changes, and the Courſe of each Peal without a Bob is 120, and by making three Bobs they will go eighteen Score; but by making nine Bobs they will go ſeven hundred and twenty complete Changes without a Single; as by the following Peals and Directions will more plainly appear.

OXFORD TREBLE BOB.

THE Treble in this Peal hath a dodging Courſe after this Manner; Firſt it makes a ſingle Dodge before; then it hunts up into the fourth's Place, where it makes another Dodge, by coming back again into the third's Place; then it hunts directly up behind; and as ſoon as it comes behind, it makes another Dodge, by coming back into the fifth's Place; and then it goes behind again, where it lies a whole Pull, and goes into fifth's Place, and then makes another Dodge back again into ſixth's Place; then it hunts down into the third's Place, where it makes another Dodge, by going back into fourth's Place, and then hunts down to lead; and as ſoon as it comes before, it makes another Dodge, and then leads a whole Pull. This in the Courſe of the Treble; and that Bell that takes firſt the

the Lead from the Treble, continues to lead a whole Pull, and lies a Pull in second's Place, till such Times as the Treble comes to lead again: When the Treble dodgeth behind, the Bells in third and fourth's Places make a single Dodge; when it dodges before, the Bells in third and fourth's Place make a single Dodge; when it dodges before, the Bells in third and fourth's Place lie still, and a single Dodge is made behind; when it leads, the Bell in fourth's Places goes up, and the Bell in fifth's Place comes down, except at a Bob, and then the Bell in fourth's Place lies still, and a double Dodge is made behind; and every Time the half Hunt makes a Change next the whole Hunt, a Bob must be made; and three Bobs go eighteen Score Changes: But to go seven hundred and twenty without a Single, observe the following Directions.

123456				
214365	265341	123465	135264	123459
124356	256431	213456	132546	
213465	524613	124365	Bob	
231645	526431	142635	123564	
326154	254613	146253	132654	
321645	245163	164523	Bob	
236154	421536	165432	123645	
263514	425163	156342	132465	
625341	241536	153623	Bob	
623514	214356			

Direction

Directions to go ſeven hundred and thirty without a Single.

IN all Treble Bobs, where the Bell in ſecond's Place lies ſtill, with the whole Hunt at the Dodges, this Rule muſt be obſerved. To go eighteen Score with a whole and a half Hunt with three Bobs, as it is pricked every Time the half Hunt comes into ſixth's Place, and the whole Hunt leads, make a Bob; or every Time the half Hunt comes into fifth's Place, make a Bob; this will go eighteen Score; but to go ſeven hundred and twenty, you muſt make Uſe of a quarter Hunt; and when the half Hunt comes into fifth or ſixth's Places, make a Bob, except the quarter Hunt be in one of thoſe Places, and then not; and this will go ſeven hundred and twenty without a Single.

And in all Peals, where the Bell in fourth's Place lies ſtill at the Leadings of the whole Hunt, at the Dodges, this Rule muſt be obſerved. Every Time the half Hunt is in ſecond or third's Place, a Bob muſt be made, and three Bobs go eighteen Score; but for ſeven hundred and twenty, you muſt uſe a quarter Hunt; and if the quarter Hunt be in one of thoſe Places with the half Hunt, then not: This, with nine Bobs, will go ſeven hundred and twenty Changes, without a Single; as in the following Example may be ſeen:

The

The Bobs for ſeven hundred and twenty. OXFORD TREBLE BOB.

Hunts 1 3 5.

132546			
Bob	134652	Bob	134256
123564	Bob	163254	132465
163425	143526	136524	Bob
Bob		Bob	123456
136452	123645	163542	
134625	Bob		
Bob	132654	143265	
143652	136245	Bob	

COLLEGE TREBLE BOB.

Hunts 1 3 6.

THE Treble hath the like dodging Courſe in this as in the preceding Peal; and when it dodges before, the Bells in third and fourth's Place lie ſtill, and the two hind Bells make a ſingle Dodge; when it dodges in the Middle, the Bell in ſecond's Place lies ſtill, and another ſingle Dodge

Dodge is made behind; when it leaves the fourth's Place, the Bell in third's Place lies ſtill, and the two foremoſt Bells make a ſingle Dodge; when it dodges behind, the Bell in fourth's Place lies ſtill; when it lies behind, the two foremoſt Bells make a ſingle Dodge; when it leaves the fifth's Place hunting down, a ſingle Dodge is made before; when it leads, the Bell in fourth's Place lies ſtill, except at a Bob, and the Bell in fifth's comes down; and they are called by the ſame Rule as the foregoing Peal.

123456				
214365	253614	541632	125634	Bob
124356	526341	514362	152643	123564
213465	256431	153426	146253	132546
231645	524613	513462	164235	Bob
326154	542631	154326	132465	123456
321645	456213	145362	Bob	
236154	546123	163542	123645	
326514	451632	136524	132654	
235641	456123			

The Method for ſeven hundred and twenty is the ſame as in the preceding Peal.

COLLEGE PLEASURE.

Hunts 1 3 6.

THE Courſe of this Peal is the ſame as *Oxford Treble Bob*, till the Treble comes to dodge behind; and then the Bells in

in third and fourth's Places lie ſtill, and the two foremoſt Bells dodge, till the Treble hath finiſhed it's Courſe behind; but obſerve, when it lies ſtill behind, the Bell in third's Place lies ſtill only; and then the ſame Courſe muſt be obſerved in the hunting of it down, as was in it's hunting up. The Method for the Bobs, either for the three hundred and ſixty or ſeven hundred and twenty, is the ſame as the foregoing Peal.

123456				
214365	265314	631254	154326	132654
124356	623541	613524	145362	Bob
213465	263451	165342		123564
231645	624315	615324	125634	132546
326154	264351	163542	152643	Bob
321645	623415	136524	132465	123456
236154	632145		Bob	
263514	361254	146253	123645	
625341	362145	164235		

Now the Practitioner being perfect in theſe three Peals, he may then proceed to the next following; which is to ring an eighteen Score without a Bob, as followeth:

Unis

MORNING STAR.

Hunts 1 6.

THE Treble in this Peal hath the ſame Courſe as in the former Peals; and when it dodges behind, the Bells in third and fourth's Places lie ſtill, and the two foremoſt Bells make a ſingle Dodge; otherwiſe it is the Courſe of *Oxford Single*, till the Leading of the Treble, and then the Bell in ſecond's Place lies ſtill, and the other four dodge; except at a Bob, the Bell in ſecond's Place goes up, and the Bell in fourth's Place lies ſtill. The Bobs are made according to the preceding general Rule.

123456				
214365	265314	321654	165432	Bob
124356	623541	312564	164523	134256
213465	632451	135246	146253	132465
231645	364215	315264	142635	Bob
326154	634251	132546	124365	123456
321645	362415	135264	Bob	
236154	326145	153624	142356	
263514	231654	156324	143265	
625341	236145			

For ſeven hundred and twenty, 1 6 4 may be Hunts, or others at Pleaſure.

EVENING STAR.

Hunts 1 3.

THE Courſe of this Peal is the ſame as the former, till ſuch Time as the Treble has left off dodging in the Middle; and then the Bell in third's Place lies ſtill, and the two foremoſt Bells make a ſingle Dodge; when the Treble dodges behind, the Bell in ſecond's Place lies ſtill, and third and fourth's Places dodge; when it leaves the fifth's Place hunting down, they make another ſingle Dodge before; when it leads, the Bell in fourth's Place lies ſtill, except at a Bob; then the Bell in fourth's Place goes up, and fifth's comes down. The Bobs as before.

123456				
214365	236514	531462	164352	Bob
124356	325641	513642	146325	123564
213465	352461	156324	126543	132546
231645	534216	516342	162534	Bob
326154	532461	153624	132465	123456
321645	354216	135642	Bob	
236154	534126	145236	123645	
326514	351462	154263	132654	
235641	354126			

LONDON NEW DELIGHT.

Hunts 1 5.

THE Courſe of this Peal is the ſame as the former; excepting that when the Treble lies ſtill behind, a ſingle Dodge is made by the two foremoſt Bells, the Bell then happening in third's Place lying ſtill; and when Treble leads, the Bell in ſecond's Place lies ſtill, and the Bells in third and fourth's Places make a ſingle Dodge: At a Bob, the Bell in ſecond's Place goes up, and fourth's Place lies ſtill.

123456

214365	236514	321465	156423	Bob
124356	325641	312645	154632	134256
213465	235461	136254	145236	132465
231645	324516	316245	142563	Bob
326154	325461	132654	124365	123456
321645	234516	136245	Bob	
236154	324156	163542	142356	
326514	231465	165324	143265	
235641	234156			

MORNING PLEASURE.

Hunts 1 3.

THIS Peal hath the ſame Courſe as *Oxford Treble Bob*; excepting that when the Treble lies ſtill behind, the Bell in third's Place lies ſtill, and the two foremoſt Bells make a ſingle Dodge; when Treble leads, the Bell in fourth's Place lies ſtill; but at a Bob it goes up, and the Bell in fifth's Place comes down. The Bobs muſt be made according to the general Rule, either for eighteen Score, or ſeven hundred and twenty.

123456				
214365	265341	163452	162534	Bob
124356	625431	613425	———	123564
213465	264513	———	145236	132546
231645	265431	164352	154263	Bob
326145	624513	146325	———	123456
321645	642153	———	132465	
236154	461235	153624	Bob	
263514	462153	135642	123645	
625341	641235	———	———	
623514	614325	126543	132654	

PRIMROSE.

Hunts 1 3.

THE Treble hath the ſame Courſe in this as in the foregoing Peal; and when it dodges before, the Bell in third's Place lies ſtill, and the Bell in ſixth's Place hunts directly down; then the Bell that was in third's Place goes up into the fourth's Place, where it lies another Pull, the two Bells behind dodge till the Treble comes up and parts them; when the Treble hath left dodging in the Middle, the two foremoſt Bells make a Dodge; when it lies ſtill behind, another Dodge is made by the two foremoſt Bells; when it dodges behind, the Bell in fourth's Place lies ſtill; when it hunts down from behind, the two foremoſt Bells make another Dodge; when it leads, the Bell in fourth's Place goes up, and that in fifth's comes down; except at a Bob, and then the Bell in fourth's Place lies ſtill, and the two hindmoſt Bells make a ſingle Dodge. The Method for the Bobs are the ſame as before.

123456				
214365	254361	———	146532	Bob
124635	523416	156423	———	123456
216453	532461	165243	132546	
261435	354216	———	Bob	
624153	534126	143265	123564	
621435	351462	134625	———	
264153	354126	———	132654	
624513	531462	125634	Bob	
265431	513426	152364	123645	
256413	154362	———	———	
524631	514632	164352	132465	

TULIP.

Hunts 1 6.

THE Treble hath the like dodging Courſe in this as in the former Peals; and when it dodges before, the Bell in third's Place lies ſtill; when it dodges in the Middle, a ſingle Dodge is made behind; when it leaves dodging in the Middle, hunting up, a ſingle Dodge before; when it dodges behind, the Bell in fourth's Place lies ſtill; when it lies ſtill behind, the Bell in third's Place lies ſtill, and a ſingle Dodge is made by the two foremoſt Bells; when it leaves fifth's Place hunting down, another ſingle Dodge before; when it leads, the

the Bell in ſecond's Place lies ſtill, and the other four make a ſingle Dodge; except at a Bob, and then the Bell in ſecond's Place goes up, and the Bell in fourth's Place lies ſtill. The Bobs are called according to the preceding general Rule for eighteen Score, when the Half-hunt dodges behind, except with the Quarter, and then not: Any Bell may be half or quarter Hunt at Pleaſure.

123456				
214365	325641	136425	15462	Bob
124635	235461	316245	———	134256
216453	324516	———	145236	———
261543	342561	132654	142563	132465
625134	435216	136245	———	Bob
621543	345126	———	124635	123456
265134	431562	163542	Bob	
625314	435126	165324	142356	
263541	341562	———	———	
236514	314652	156423	143265	

VIOLET.

Hunts 1 3.

IN this Peal, the Bell that firſt takes the Lead from the Treble, continues to lead a Pull, and lies a Pull in ſecond's Place,

till ſuch Time as the Treble comes to lead again; when the Treble dodges behind, the Bell in ſecond's Place lies ſtill, and third and fourth's Places make a ſingle Dodge; when it leads the Bell in fourth's Place lies ſtill; but at a Bob, it goes up, and the Bell in fifth's Place comes down.

123456				
214365	253641	126453	164235	Bob
124635	235461	216543	163542	123564
216453	324516		136524	
261543	325461	125634		132546
625134	234516	152643	132465	Bob
621543	243156		Bob	123456
265134	421365	154326	123645	
256314	423156	145362		
523641	241365		123645	
526314	214635	146253	132654	

CHEAPSIDE BOB.

Hunts 1 3.

IN this Peal, when the Treble dodges in the Middle, the Bells in fifth's and ſixth's Places lie ſtill, and the two foremoſt Bells make a ſingle Dodge; when it dodges behind, the Bells in third and fourth's Places

Places lie ſtill, and another ſingle Dodge is made before; when it dodges before, the Bell in third's Place lies ſtill; when it leads, the Bell in fourth's Place goes up, and fifth's comes down; but at a Bob, the Bell in fourth's Place lies ſtill.

123456				
214365	462351	164253	135264	Bob
124635	426531	614523	———	123645
216453	245613	———	146253	———
261435	425631	165432	164523	132465
624153	246513	156342	———	Bob
261453	264153	———	132546	123456
624135	621435	124365	Bob	
642315	264135	142635	123564	
463251	621453	———	———	
643215	612435	153624	132654	

SYMPHONY. By J. D.

Hunts 1 3.

IN this Peal, when the Treble dodges before, the Bells in fifth and ſixth's Places lie ſtill; when it dodges in the Middle, the Bell in ſecond's Place lies ſtill, and the two hind Bells make a ſingle Dodge; when it dodges behind, the Bell in fourth's Place

lies ſtill; when it lies behind, the Bell in third's Place lies ſtill, and the two foremoſt Bells make a Dodge; when it leads, the Bell in fourth's Place lies ſtill; but at a Bob, it goes up.

123456				
214365	264513	631542	126543	Bob
123465	625431	613452	162534	123564
214356	265341	164325	145236	132546
241536	623514	613425	154263	Bob
425163	632541	164352	132465	123456
421536	365214	146325	Bob	
245163	635124	153624	123645	
425613	361542	135642	132654	
246531	365124			

WESTMINSTER BOB.

Hunts 1 6.

IN this Peal, the Bells dodge behind till Treble parts them; when it dodges before, the Bells in third and fourth's Places lie ſtill; when it dodges in the Middle, the Bell in ſecond's Place lies ſtill; when it leaves the fourth's Place hunting up, or fifth's Place hunting down, the Bell in third's Place lies ſtill, and the two foremoſt Bells make a ſingle Dodge; when it dodges behind, the Bell in ſecond's Place lies ſtill, and

and third and fourth's Places make a Dodge; when it lies behind, the Bell in third's Place lies ſtill, and the two foremoſt Bells dodge; when it leads, the Bell in ſecond's Place lies ſtill, and the Bells in third and fourth's Places make a ſingle Dodge; except at a Bob, and then the Bell in ſecond's Place goes up, and the Bell in fourth's Place lies ſtill. The Bobs for three hundred and ſixty, or ſeven hundred and fifty, are according to the general Rule.

123456				
214365	326451	135246	164523	Bob
124356	236541	315264	———	134256
213465	325614	———	146253	———
231456	326541	132546	142635	132465
324165	235614	135264	———	Bob
321456	325164	———	124365	123456
324165	231546	153624	Bob	
324615	235164	156342	142356	
236451	321546	———	———	
234615	312564	165432	143265	

COLLEGE DELIGHT.

Hunts 1 3.

IN this Peal, when Treble dodges before, the Bells in third and fourth Places lie ſtill, when it dodges in the Middle, the Bells in fifth and ſixth's Places lie ſtill, and

the two foremoſt Bells make a Dodge; when it dodges behind, the Bell in ſecond's Place lies ſtill, and third and fourth's make a ſingle Dodge; when it lies behind, the Bell in fifth's Place lies ſtill, and the other four make a Dodge; when it leads, the Bell in fourth's Place goes up, and the Bell in fifth's Place comes down; but at a Bob, the Bell in fourth's Place lies ſtill.

123456				
214365	364251	142653	142635	Bob
124356	632451	412635	———	123645
213465	364215	———	165432	———
231645	362451	146253	156342	132465
326145	634215	164523	———	Bob
231654	643125	———	132546	123456
326154	461352	153624	Bob	
362415	643152	135264	123564	
634251	461325	———	———	
632415	416235	124365	132654	

LONDON SCHOLARS' PLEASURE.

By J. D.

Hunts 1 3.

THE Courſe of this Peal is the ſame as *Oxford Treble Bob*, until the Treble comes to dodge behind; and then the Bells in third and fourth's Places lie ſtill, and the two

two foremoſt Bell make a Dodge; when it lies behind, the Bell in fifth's Place lies ſtill, and the other four make a Dodge; when it leads, the Bell in fourth's Place goes up, and the Bell in fifth's Place comes down; but at a Bob, the Bell in fourth's Place lies ſtill.

123456				
214365	623541	164532	———	123645
124356	265341	614523	146253	———
213465	623514	———	164523	132465
231645	263541	165432	———	Bob
326154	625314	156342	132546	123456
321645	652134	———	Bob	
236154	561243	124365		
263514	562134	142635	123564	
625341	651243	———	———	
265314	615423	153624	132654	
		135264	Bob	

EVENING DELIGHT.

Hunts 1 3.

IN this Peal, the Treble only dodges before; then it hunts up behind, where it lies a whole Pull, and then hunts down into the third's Place, where it lies another whole Pull, and then hunts up again, and lies another Pull behind, before it hunts down to lead; when the Treble leaves the fourth's Place,

Place, the firſt Time it hunts up, the two foremoſt Bells dodge, till the Treble has lain a Pull behind; when the Treble lies in third's Place, the Bell in fourth's Place lies ſtill, and the two firſt and two laſt Bells make a ſingle Dodge; as ſoon as it comes behind the ſecond Time, the two foremoſt Bells dodge again, and continue dodging till it comes down and parts them; when it leads, the Bell in fourth's Place lies ſtill, and the two hind Bells dodge till it goes up and parts; but at a Bob, the Bell in fourth's Place hunts up, and the Bell in fifth's comes down.

123456				
214365	531246	126534	164235	Bob
124356	351264	216543	———	123564
213465	532146	———	163542	———
231456	523416	125634	136524	132546
324165	254361	152643	———	Bob
234615	524631	———	132465	123456
326451	256413	154326	Bob	
236541	526413	145362	123645	
325614	251634	———	———	
352164	215643	146253	132654	

MORNING EXERCISE. *By* J. D.

Hunts 1 3.

IN this Peal, when the Treble dodges before, the Bells in third and fourth's Places lie ſtill; when it leaves the fourth's Place hunting up, the Bell in third's Place lies ſtill, and the two foremoſt Bells make a ſingle Dodge; when it dodges behind, the Bell in fourth's Place lies ſtill; when it lies behind, the Bell in fifth's Place lies ſtill, and the other four make a ſingle Dodge; when it leads, the Bell in fourth's Place goes up, and the Bell in fifth's Place comes down: At a Bob, the Bell in fourth's Place lies ſtill.

123456				
214365	253614	561342	125634	Bob
124356	526341	516432	152364	123645
213465	253641	154623	164352	132465
231645	526314	514632	146532	Bob
326154	562341	156423	132546	123456
321645	653214	165243	Bob	
236154	563124	143265	123564	
326514	651342	134625	132654	
235641	653124			

ROYAL.

ROYAL BOB. *By* J. D.

Hunts 1 3.

THE Courſe of this Peal is the ſame as the foregoing Peal, excepting that the two hind Bells dodge till ſuch Time as the Treble comes up and parts them; and when the Treble leads, the Bell in fourth's Place lies ſtill, except at a Bob, and then, the Bell in fourth's Place moves up, and the Bell in fifth's Place moves down; as may be here ſeen.

123456				
214365	263415	641352	126543	Bob
124356	624351	614325	162534	123564
213465	263451	163452	145236	132546
231456	624315	613425	154263	Bob
324165	642351	164325	132465	123456
321456	463215	146325	Bob	
234165	643125		123645	
324615	461352	153624	132654	
236451	463125	135642		

CITY

CITY DELIGHT. *By* J. D.

Hunts 1 3.

IN this Peal, when the Treble dodges before, the Bell in third's Place lies ſtill, and the Bell in ſixth's Place hunts directly down: and when it leaves dodging before, the Bell in fourth's Place lies ſtill; when it dodges in the Middle, the Bell in ſecond's Place lies ſtill; when it dodges behind, the Bells in third and fourth's Places lie ſtill, and the two foremoſt dodge; when it lies behind, the Bell in third's Place lies ſtill; when it leads, the Bell in fourth's Place lies ſtill, but at a Bob it goes up, and the Bell in fifth's Place come down.

123456				
214365	246351	145236	———	Bob
124635	423615	154263	132465	123456
216453	243651	———	Bob	———
261435	426315	126543	123645	
624153	462135	162534	———	
621435	641253	———	132654	
264153	642135	153624	Bob	
246513	461253	135642	123564	
425631	416235	———	———	
245613	142653	164352		
426531	412563	146325	132546	

NEW

NEW LONDON PLEASURE.
By J. D.

Hunts 1 3.

IN this Peal, when the Treble dodges before, the Bell in fifth's Place hunts directly down, and the Bell that first took the Lead from the Treble continues to lead a Pull, and lies a Pull in second's Place, till such Time as the Treble comes to lead again; when the Treble dodges in the Middle, the two hind Bells make a single Dodge; when it dodges behind, the Bells in third and fourth's Places make a single Dodge; when it leads, the Bell in fourth's Place goes up, and the Bell in fifth's Place comes down: At a Bob, the Bell in fourth's Place lies still.

123456				
214365	526314	241365	164352	Bob
124635	253641	214635	146532	123645
216453	235461	126453	143265	132465
261543	324516	216543	134625	Bob
625134	325461	125634	132546	123456
621543	234516	152364	Bob	
265134	243156	156423	123564	
256314	421365	165243	132654	
523641	423156			

CAMBRIDGE SURPRIZE.

Hunts 1 6 5.

123456			
214365	524631	146253	126435
124635	542631	142635	124653
216453	456213	132546	154326
261435	546123	Bob	Bob
624153	451632	123564	145362
621435	456123	163452	165243
264153	541632	164325	162534
624513	514623	154263	132465
265431	156432	Bob	134256
256413	516342	145236	
524631	153624	135642	
256431	156342	136524	

This is the firſt two hundred and forty.

The Method is thus, when Treble dodges before, the Bells in third and ſixth lie ſtill, when ſhe moves in ſecond and third's Places, the Bells in firſt and fourth's lie ſtill, when ſhe dodges in the Middle, the two firſt Bells lie ſtill, when ſhe moves in fourth's and fifth's Places, the Bells in third and ſixth's lie ſtill, when ſhe dodges behind, the Bells in firſt and fourth's Places lie ſtill, when ſhe lies ſtill behind, the Bell in fifth's Place lie ſtill, and when ſhe leads, the Bell in ſecond's Place lies ſtill.

Of

Of CHANGES on SEVEN BELLS;

Commonly called Tripples.

THIS Name or Denomination of Tripples, is very properly applied in this Caſe, to Changes on ſeven Bells, by Reaſon that in all practical Peals, every Change is a Tripple Change, becauſe ſix of the ſeven Bells change their Places every Time that a Change is made; and of theſe Changes, as well as others, there are divers Ways and Methods to be uſed in pricking or ringing them; for any Peal upon ſix, wherein half the Changes are double, will go Tripples upon ſeven; or any Peal of Doubles upon five, will go Tripples upon ſeven; but laying aſide others, we ſhall enlarge the more upon thoſe that are now in Practice; and endeavour, as much as poſſible, to lay down plain and eaſy Rules for ringing them, and to give the moſt methodical Ways for calling of Bobs for any Peal, whether long or ſhort. And, firſt, for

GRANDSIRE TRIPPLES.

SO called, by Reaſon that the ordinary Courſe thereof is the ſame as in *Grandſire* upon five Bells, ſaving that the two additional Bells make the Courſe the longer; for whereas in that, every Bell hunts till the Treble leaves Leading, when the Bell in third's Place lies ſtill, and the other two dodge; ſo likewiſe in this Peal of *Grandſire Tripples*, every Bell hunts till the Treble hath left Leading, and the Bell in third's Place lies ſtill, and the other four make a ſingle Dodge; and this is the ordinary Courſe or Method of ringing this Peal: But leſt the Practitioner at firſt cannot ſo readily give Attention to hear when Treble leads, there is another Way or Method, whereby this Peal is commonly rung.

And that is, by obſerving the Motion of the Treble, as it hunts from behind, in what Place it is in, when you meet or follow it; for Example, when the Treble is in ſixth's Place, the Bell that follows it is in the plain Courſe; that is, hunts up and down, after the Treble, in the ſame Manner as the Treble does, and continues in that Courſe till a Bob; and any Bell that meets the Treble in fifth's Place, and it in ſixth's, lies a whole Pull behind, then hunts down into fourth's Place, and makes a Dodge back

back into the fifth's Place, and then hunts down to lead; any Bell that meets the Treble in fourth's Place, and it in fifth's, goes behind, where it lies a whole Pull, then makes a ſingle Dodge and moves down to lead; any Bell that meets the Treble in third's Place, and it in fourth's, as ſoon as it comes behind makes a ſingle Dodge, then it lies a whole Pull behind, before it moves down to lead; any Bell that meets the Treble in ſecond's Place, and it in third's, as ſoon as it comes into fifth's Place makes a Dodge back again into fourth's Place, and then hunts up behind; and any Bell, from which the Treble takes the Lead, moves up into third's Place, where it lies a whole Pull, and moves down to lead; and that Bell which firſt takes the Lead of Treble, is in the plain Courſe, as before; and this is the other Way of ringing this Peal: And by either of theſe Methods it will go ſeventy Changes; but by making of Bobs it will go three hundred and fifty, five hundred and four, ſix hundred and thirty, ſeven hundred, one thouſand and eight, twelve hundred and ſixty, or two thouſand five hundred and twenty, the half Peal.

But before the Practitioner adventures upon any of theſe Peals, it will be very neceſſary for him to learn the Courſe perfectly, and from thence he may proceed to a Bob, which being thoroughly perfect in, he may proceed to ſome ſhort Peal, before he adventures upon long ones.

The

The Course of GRANDSIRE TRIPPLES.

1234567			
2135476	3542617	4365172	1423657
2314567	3456271	4631527	1246375
3241657	4365721	6413257	2143657
3426175	4637512	6142375	2416375
4362715	6473152	1624735	4261735
4637251	6741325	1267453	4627153
6473521	7614235	2164735	6472513
6745312	7162453	2617453	6745231
7654132	1726543	6271543	7654321
7561423	1275634	6725134	7563412
5716243	2176543	7652314	5736142
5172634	2715634	7563241	5371624
1527364	7251364	5736421	3517264
1253746	7523146	5374612	3152746
2157364	5732416	3547162	1325476
2513746	5374261	3451726	1234567
5231476	3547621	4315276	
5324167	3456712	4132567	

Now when the Practitioner is thoroughly perfect in the Course, he may then proceed to the ringing one hundred and sixty eight of this Peal, in which the chief Thing to be observed, is, the Method of making and calling the Bobs: For call ng them for this Peal the most easiest Way is every fourth Leading of the whole Hunt; but observe to call it just as the Treble is coming down Back-stroke, before it goes to lead, the Bob being made at Fore-stroke, and is a double Dodge; made upon

upon the four hind Bells; there being at a Bob two ſeveral Bells that lie each of them a whole Pull in third's Place, which is the Bell from which the Treble takes the Lead, and that Bell which is in third's Place, and follows the Treble as it comes down Back-ſtroke to lead: which Bell goes down, and takes lead of the Treble, ſo that it comes into the plain Courſe, and continues in the ſame until the next Bob; and three Bobs bring the Bells round, as in the following Peal will more plainly be ſeen.

Hundred and ſixty eight GRANDSIRE TRIPPLES.

1234567				
2135476	3542617	4365172	4132567	1043725
2314567	3456271	4631527	1435276	1467352
3241657	4365721	6413257	1342567	Bob
3426175	4637512	6142375	1537462	1325476
4362715	6473152	1624735	1354726	1234567
4637251	6741325	1267453	1736524	
6473521	7614235	2164735	1375642	
6745312	7162453	2617453	1632745	
7654132	1726543	6271543	1367254	
7561423	1275634	6725134	Bob	
5716243	2176543	7652314	1245376	
5172634	2715634	7563241	1423567	
1527364	7251364	5736421	1547263	
1253746	7523146	5374612	1452736	
2157364	5732416	3547162		
2513746	5374261	3451726	1746532	
5231476	3547621	4315276	1475623	
5324167	3456712	Bob		

Now

Now having in a very plain Method laid down the Manner of making a Bob, and likewiſe the true Time to call it, we ſhall make no further Examples thereof; what then remains, is to ſhew the Practitioner how and by what Method any Number of Changes, of this Peal, may be rung, whether long or ſhort.

But to proceed gradually in this as well as in other Peals, the next Peal we ſhall make mention of is three hundred and fifty; wherein is to be obſerved, beſides the whole Hunt, a half Hunt, which in the following Peal is the ſeventh, by which the Bobs are called, (but any Bell may be made half Hunt at Pleaſure of him who calls the Bobs) obſerving to call them every Time the Treble, or whole Hunt, comes down to take the Lead from the half Hunt; and this, with five Bobs, will go three hundred and fifty Changes, as follow:

For three hundred and fifty GRANDSIRE TRIPPLES.

Hunts 1 7.

1234567			
2135476	6473152	1542367	1256743
2314567	6741325	1453276	1527634
3241657	7614235	1246573	1654237
3426175	Bob	1425637	1562473
4362715	7162453	1047235	1453672
4637251	1764235	1462753	1546327
6473521	1672453	Bob	1357426
6745312	1463752	1735426	1534762
7654132	1647325	1374562	Bob
7561423	1365427	1532764	1726543
5716243	1634572	1357246	1275634
5172634	1562374	1236547	1624735
1527364	1653247	1325674	1267453
1253746	1267543	1634275	1423657
2157364	1625734	1362457	1246375
2513746	Bob	1437652	1325476
5231476	1743652	1346725	1234567
5324167	1476325	Bob	
3542617	1345726	1752364	
3456271	1437562	1573246	
4365721			
4637512			

Now that the Practitioner may have some further Knowledge or Insight when to call a Bob, he may observe, that whatsoever Bell is made or designed for half Hunt, every Time such Bell, as aforesaid, dodges in the Middle,

Middle, and then moves up and meets the Treble behind, is certain warning for a Bob to be called in the three hundred and fifty, as ſoon as the half Hunt comes down to lead.

Three hundred and fifty GRANDSIRE TRIPPLES, *another Way.*

1527364
1253764
1764235
Bob
1672453
1435627
Bob
1346572
1532476
1354267
1276345
Bob
1723654
1674253
1762435
1475632
1746523
1532764
Bob
1357246
1264375
Bob
1623457

1467253
1642735
1765432
1674523
1532647
Bob
1356274
1234576
1325467
1476352
Bob
1743625
1652734
Bob
1567243
1253647
1526374
1354276
1532467
1457362
1543726

1762534
Bob
1675243
1234657
Bob
1326475
1435276
1342567
1576324
Bob
1753642
1624735
Bob
1267453
1423657
1246375
1325476
1234567

The next Peal that follows, in Courſe, is five hundred and four; to ring which, the ſame Method muſt be obſerved in all Places as in the three hundred and fifty, except in calling of the Bobs, they being divided into Courſes; now in this Peal of five hundred and four, ſo likewiſe in all greater Peals, the Bobs are divided into ſeveral Parts or Courſes, according as the Length or Courſe of the Peal compoſed will admit, they are divided into two Courſes, there being four Bobs in a Courſe, and conſequently eight in the Peal; to call which, obſerve the following Method:

Firſt, the Perſon who deſigns to call the Bobs having pitched upon the Bell he rings, or any other, to be the half Hunt, he muſt call the two firſt Bobs by that Bell, after the ſame Manner as in the three hundred and fifty, which two Bobs, in Terms of Ringing, are called two before; the next Bob muſt be called four Leadings further, by which the half Hunt comes into the plain Courſe; the next Bob muſt be at the Diſtance of five Leadings, the ſame Bell being before, as was when the half Hunt was called into the plain Courſe, then the half Hunt will dodge in the Middle, and this Bob finiſhes the firſt Courſe or Part of the Peal, which, in Ringing Terms, is called two before, into the Hunt, and out of the Hunt; the ſame Method being obſerved again, concludes the Peal, as follows:

GRANDSIRE

GRANDSIRE TRIPPLES, *five hundred and four.*

Hunts 1 6 5.

1234567
2135476
2314567
3241657
3426175
4362715
4637251
6473521
6745312
7654132
7561423
5716243
Bob
5172634
1576243
1752634
1674532
1765423
1473625
1746352
1372456
1734265
1275364

1723546
Bob
1564732
1657423
1463527
1645372
1362475
1634257
1267354
1623745
Bob
1754632
1576423
1453726
1547362
1352467
1534276
1256374
1523647
1657243

1562734
Bob
1743526
1475362
1342765
1437256
1246357
1423675
1645273
1462537
Bob
1573426
1754362
1372564
1735246
1276345
1723654
1674253
1762435
1475632

1746532
Bob
1532764
1357246
Bob
1752364
1573246
Bob
1726543
1275634
1624735
1267453
1423657
1246375
1325476
1234567

Five hundred and four GRANDSIRE TRIPPLES.

Hunts 1 5 6 7.

1527364	1237564	1257463
1253764	1325746	1524736
1764235	1736245	1763542
Bob	1372654	Bob
1672453		1675324
1435627	1634752	1342657
Bob	1367425	Bob
1346527	1452376	1436275
1532476	Bob	1245376
1354267	1543267	1423567

The next Peal that follows is ſix hundred and thirty, which is divided into five Courſes, there being three Bobs in a Courſe, and fifteen in the Peal; and the Method to be obſerved in calling of them in this: The firſt Bob before, the ſecond in the Middle, that is, when you follow the Treble in third's Place as it comes down call Bob, at which Bob you will dodge in the Middle with the Bell that is in the plain Courſe; and the third Bob is the very next Treble Leading to the ſecond, which is called a double Bob, by Reaſon that there is no Leading of the Hunt between them; and this is called, one before, one in the Middle, and a double Bob; and this Method muſt be obſerved throughout the Peal.

GRANDSIRE TRIPPLES, *six hundred and thirty.*

Hunts 1 3.

1234567			
2135476	1423657	Bob	Bob
2314567	1246375	1273654	1324675
3241657	Bob	1276345	1236457
3426175	1357264	* Bob	Bob
4362715	1532746	1354762	1563247
4637251	1756342	1537426	1652374
6473521	1573624	Bob	* Bob
6745312	1654723	1346527	1347625
7654132	1567432	1435672	1436752
7561423	Bob	Bob	Bob
5716243	1423576	1753462	1372456
5172634	1245367	1574326	1734265
1527364	* Bob	* Bob	Bob
1253764	1376254	1362547	1643725
1726543	1732645	1635274	1467352
1275634	Bob		* Bob
1624735	1365742		1325476
1267453	1637524		1234567

Observe, *That where you see this Mark* * *placed at a Bob, signifies that every such Bob is the double Bob, in this and the following.*

Six hundred and ſeventy-two GRANDSIRE TRIPPLES.

Hunts 1 3 6 7.

1527364	1756342	1634752	1342576
1253746	1573624	1367425	Bob
1726543	1654723	1452376	1435267
1275634	1567432	Bob	
1624735	1452637	1543267	
1267453	1546273	1257463	
1423657	1237564	1524736	
1246375	Bob	1756234	
1357264	1325746	1572643	
Bob	1736245	1653742	
1532746	1372654	1567324	

The next Peal that follows is a complete ſeven hundred, and the Bobs thereof are likewiſe divided into five Parts or Courſes, and differs very little from the Method of the ſix hundred and thirty, there being the ſame Number of Courſes, and likewiſe of Bobs, in a Courſe in this Peal, as in that: The Method to be obſerved for this Peal is as follows; the firſt Bob into the Hunt, or plain Courſe, the ſecond three Leadings after the firſt, and the third two Leadings after the ſecond, which finiſhes the firſt Courſe; the ſame Method being obſerved concludes the Peal.

GRANDSIRE TRIPPLES, *seven hundred.*

Hunts 1 6.

1234567			
2135476	1365427	1753642	1534627
2314567	1634572	Bob	Bob
3241657	Bob	1562743	1367524
3426175	1527643	1657234	1635742
4362715	1256734	Bob	Bob
4637251	1724536	1375624	1453672
6473521	1275463	1736542	1546327
6745312	Bob	Bob	Bob
7654132	1436257	1246735	1726543
7561423	1342675	1427653	1275634
5716243	Bob	Bob	1624735
5172634	1465372	1263457	1267453
1527364	1643527	1624375	1423657
1253746	Bob	Bob	1246375
Bob	1234657	1742635	1325476
1764235	1326475	1476253	1234567
1672453	Bob	B ob	
1463752	1576324	1356472	
1647325			

GRANDSIRE TRIPPLES, *seven hundred.*

Hunts 1 6 7.

1527364	1435627	Bob	1423576
1253746	1346572	1765432	1245367
1726543	1532470	1674523	1327465
1275634	1354267	Bob	1234756
Bob	Bob	1532647	1726354
1643257	1276345	1356274	1273645
1462375	1723654	1234576	1625743
1345672	Bob	1325467	1267524
1436527	1645732	1437265	Bob
Bob	1467523	1342756	1543276
1572463	1543627	Bob	1452367
1754236	1456372	1765324	
1276534	1342576	1673542	
1725643	1435267	Bob	
Bob	1247365	1524637	
1634752	1423756	1256437	
1367425			

The

The next Peal in Courſe is one thouſand and eight, being the one fifth Part of the Whole; and it is divided into two Parts or Courſes, there being nine Bobs in a Courſe; and the Method to be obſerved in calling them is this; the firſt four Bobs are before, according to the ſame Method as the firſt two in the five hundred and four; the next, being the fifth Bob, is at the Diſtance of four Leadings, at which Bob the half Hunt goes into the plain Courſe; the next, being the ſixth Bob, is at the Diſtance of five Leading, when the ſmall Bell is before as was at the fifth Bob, and the half Hunt dodges in the Middle, and goes out of the plain Courſe; the ſeventh and eighth Bobs are both in the Middle; at both which Bobs the half Hunt dodges in the Middle, with the Bells that were in the plain Courſe; the ninth, being a double Bob, is called the next Leading unto the eighth; and this is called four before into the Hunt, and out of the Hunt, twice in the Middle, and a double Bob; the ſame Method being obſerved again, concludes the Peal.

GRANDSIRE TRIPPLES, *one thousand and eight.*

Hunts 1 4.

1234567			
2135476	1342567	1652437	1542736
2314567	Bob	Bob	Bob
3241657	1457362	1254673	1247536
3426175	1543726	1526437	1425763
4362715	Bob	• Bob	Bob
4637251	1476523	1473562	1273465
6473521	1745632	1745326	1724356
6745312	Bob	Bob	Bob
7654132	1462735	143672	1654723
7561423	1647253	1347652	1567432
5716243	Bob	Bob	Bob
5172634	1742635	1462357	1764523
1527364	1476253	1643275	1675432
1253764	Bob	Bob	• Bob
1726543	1723456	1425673	1423657
1275634	1274365	1246537	1246375
1624735	Bob•	Bob	1325476
1267453	1564273	1457236	1234567
Bob			
1435276			

GRANDSIRE

GRANDSIRE TRIPPLES, *one thousand and eight.*

Hunts 1 4 6 7.

Bob	1267354	1234576	1452637
1576243	1623745	1325467	1546273
1752634	1765243	1437265	1253476
1674532	1672534	1342756	1524367
1765423	Bob	Bob	
1473625	1543627	1765324	
1746352	1456372	1673542	
1473625		Bob	
1746352	1342576	1524637	
1372456	1435267	1256473	
1734265	1247365	1423576	
1275364	1423756	1245367	
1723546	Bob	Bob	
Bob	1765432	1376254	
1564732	1674523	1732645	
1657423	Bob	Bob	
1463527	1532647	1654723	
1645372	1356274	1567432	
1362475			
1634257			

The next, unto this, is one thousand two hundred and sixty, or the quarter Peal, the Bobs whereof, are divided into five Parts or Courses, there being five Bobs in a Course, and twenty-five in the Peal; the first two are before, the next two in the Middle, and a double Bob, (according to the foregoing Directions) which finishes the first Course; the same being

being obſerved, four Times more, finiſhes the Peal, as follows:

One thouſand two hundred and ſixty, or the Quarter Peal of GRANDSIRE TRIPPLES.

Hunts 1 5.

1234567			
2135476	1543276	1625374	1564327
2314567	1452367	1263547	1653472
3241657	Bob	Bob	Bob
3426175	1537462	1365274	1542673
4362715	1354726	1632547	1456237
4637251	Bob	* Bob	Bob
6473512	1576324	1574623	1365427
6745312	1753647	1756432	1634572
7654132	Bob	Bob	Bob
7561423	1435762	1542736	1435627
5716243	1347526	1457263	1346572
Bob	Bob	* Bob	* Bob
5172634	1745362	1523467	1527364
1576243	1473526	1254376	1253746
1752634	* bob	Bob	1726543
Bob	1562437	1745236	1276534
1564732	1654273	1472563	1024735
1657423	Bob	Bob	1267453
Bob	1523674	1275436	1423657
1275643	1256347	1724563	1246375
1726534	Bob	* Bob	1325476
Bob	1537246	1536742	1234567
1625743	1352764	1357624	
1267534	Bob	Bob	
* Bob			

One

One thouſand two hundred and ſixty, or the Quarter Peal of GRANDSIRE TRIPPLES.

Hunts 1 5 6 7.

1527364	1257463	1246357	Bob
1253746	1524736	1423675	1364257
Bob	1756234	1645273	1632475
1764235	1572643	1462537	1465372
1672453	1653742	Bob	1643527
Bob	1567324	1573426	1567423
1435672	Bob	1754362	1654732
1346527	1342576	Bob	1762534
1532476	1435267	1326745	1675243
1354267	Bob	1237654	Bob
1237564	1276453	1624357	1234657
1325764	1724635	1263475	1326475
1736245	1075234	1425673	1435276
1372654	1762543	1246537	1342567
1634752	1573642	1527436	
1367425	1756324	1254763	
Bob	Bob	1723564	
1452376	1342765	1275346	
1543267	1437256		

The next Part into which this Peal is divided is two thouſand five hundred and twenty, being the one half Part of the Whole; the Bobs thereof, being forty-five in Number, are likewiſe divided into five Parts or Courſes, there being nine Bobs in a Courſe; now amongſt the different Ways, that may be uſed in calling the Bobs for this Peal, we ſhall only inſert this following, as being the trueſt and beſt, now in Practice; the Method thereof being thus; the two firſt Bobs are before, as in the Quarter Peal; the third into the Hunt, at the Diſtance of four Leadings; the fourth out of the Hunt, at the Diſtance of five Leadings; the fifth and ſixth Bobs are before, as the two firſt; the ſeventh is in the Middle, at the Diſtance of three Leadings from the ſixth; the eighth is into the Hunt, at the Diſtance of five Leadings from the ſeventh; and the ninth and laſt is a double Bob, as in the former Peal, which finiſhes the firſt Courſe; and this, in ſhorter Terms, is called two before into the Hunt, and out of the Hunt two before again, one in the Middle, into the Hunt, and a double Bob; as by the following Peal will more plainly be ſeen.

Two thousand five hundred and twenty, or the half Peal of GRANDSIRE TRIPPLES.

Hunts 1 3.

1234567			
1527364	* Bob	1762435	Bob
1253746	1245763		1275436
Bob	1427536	* Bob	1724563
1764235	Bob	1453726	* Bob
1672453	1725463	1547362	1536742
Bob	1274536	Bob	1357624
1743652	Bob	1743526	Bob
1476325	1756234	1475362	1756342
Bob	1572634	Bob	1573624
1673452	Bob	1732465	Bob
1764325	1276534	1374256	1764523
Bob	1725643	Bob	1675432
1635724	Bob	1472365	Bob
1367542	1263745	1743256	1574623
Bob	1627354	Bob	1756432
1765324	Bob	1426753	Bob
1673542	1723645	1247635	1542736
Bob	1276354	Bob	1457263
1752643	Bob	1746253	Bob
1576234	1734256	1472635	1752436
Bob	1372465	Bob	1574263
1367524	Bob	1765432	Bob
1635742	1627345	1674523	1723564
Bob	1263754	Bob	1275346
1372645	Bob	1247653	Bob
1736254	1674253	1426735	1457236

1542763

154276	Bob	1734562	1753642
Bob	1725346	1375426	Bob
1473562	1273564	Bob	1624735
1745326	Bob	1746325	1267453
Bob	1375246	1473652	1423057
1362754	1732564	Bob	1246375
1637245	Bob	1537462	1325476
Bob	1354762	1354726	1234567
1732654	1537426	Bob	
1376245	Bob	1576324	

NEW

NEW LONDON PEALS UPON SEVEN BELLS.

PLAIN BOB TRIPPLES.

THE Courſe of this Peal is thus: Every Bell hath a hunting Courſe the ſame as the Treble, until the Treble leads, and then the two Bells in ſecond's and ſeventh's Places lie ſtill, whilſt the four middle Bells make a ſingle Dodge.

The firſt Treble Lead.

1234567

2143657
2416375
4261735
4627153
6472513
6745231
7654321
7563412
5736142
5371624
3517264
3152746
1325476
1352747

The

The Bobs in this Peal are made by the two Bells in fourth and ſeventh's Places lying ſtill thus.

1325476
Bob
1235746

The Courſe of this Peal contains eighty-four Changes, which is ſix treble Leads, at which every Back-ſtroke Change is a double Change, all the reſt being tripple Changes, which Method will make a complete five thouſand and forty, as will be ſeen hereafter; but as it is neceſſary to ring ſhort Peals before you attempt the Whole, the following Peals are introduced in order to qualify them by often ringing them well before they go for the whole Peal.

PLAIN

PLAIN BOB TRIPPLES, *one hundred and ſixty eight.*

THIS Peal is compoſed of three Bobs and one plain Lead, which being repeated three Times, produceth the Number.

1325476
Bob
1235746
1327564
Bob
1237654
1326745
Bob
1236475
1324657
1342567

PLAIN BOB TRIPPLES, *two hundred and fifty two.*

THIS Peal is completed by calling a Bob at the End of each Courſe, there being only three Bobs in the Whole.

PLAIN

PLAIN BOB TRIPPLES, *three hundred and thirty six.*

Hunts 1 7 6 4.

THE Method for calling the Bobs in this Peal is contained in the firſt eight Leads, which being repeated three Times, produceth the Number.

1325476	1435276
Bob	1453726
1235746	1547302
1327504	Bob
Bob	1457632
1237654	1546723
1326745	Bob
Bob	1456273
1236475	1542637
1324657	1524367
1342567	

PLAIN BOB TRIPPLES, *four hundred and twenty.*

Hunts 1 7.

THE Method to call this Peal is, every Time the half Hunt dodges in fifth's and ſixth's Places, Bob at every Courſe and the half Hunt comes home into her Place again, in doing of which ſhe ſhews her Revolution throughout the whole Peal; ſo does the ſixth likewiſe ſhew hers at the End of every four hundred and twenty.

1325476
Bob
1235746
1327564
1372654
1736245
1763425
1074352
1647532
1465723
Bob
1645273
1462537
1426357

This repeated five Times completes it.

PLAIN

PLAIN BOB TRIPPLES, *five hundred and four.*

THE Bobs in this Peal are finiſhed as to the Method in the firſt twelve Leads, but are repeated three Times, which produceth the Number.

1325476	1543276
Bob	Bob
1235746	1453726
1327564	1547362
1372654	1574632
1736245	1756423
1763425	1765243
1674352	1672534
1647532	1627354
1465723	1263745
1456273	1236475
1542637	1324657
Bob	1342567
1452367	

PLAIN BOB TRIPPLES, *five hundred and eighty eight.*

1325476	1542637	1463752	1674523
Bob	1524367	1436572	1647253
1235746	1253476	1345627	1462735
1327564	Bob	1354267	1426375
1372654	1523746	1532476	1243657
1736245	1257364	Bob	Bob
1763425	1275634	1352746	1423567
1674352	1726543	1537264	
1647532	1762453	1537624	
1465723	1674235	1756342	
1456273	1647325	1765432	

By repeating theſe eighteen Treble Leads twice, and then calling a Bob at the End of the Courſe, completes the Peal.

PLAIN BOB TRIPPLES, *six hundred and seventy two.*

Hunts 1 7 6.

1325476	1243675	1462573	1452376
Bob	Bob	1426753	Bob
1235746	1423765	1247635	1542736
1327564	1247356	1274365	1457263
1372654	1274536	1723456	1475623
1736245	1725463	1732546	1746532
1763425	1752643	1375264	1764352
1674352	1576234	1357624	1673425
1647532	1567324		1637245
1465723	1653742	1536742	1362754
Bob	Bob	Bob	1326574
1645273	1563472	1356472	1235647
1462537	1654327	1534627	Bob
1426357	1654327	1543267	1325467

These being twice repeated, completes the Peal.

PLAIN BOB TRIPPLES, *seven hundred and fifty six.*

1325476	1253476	1532476
Bob	Bob	Bob
1235746	1523746	1352746
1327564	1257364	1537264
1372654	1275634	1573624
		1756342
1736245	1726543	1765432
1763425	1762453	1674523
1674352	1674235	1647253
1647532	1647325	1462735
1465723	1463752	1426375
1456273	1436572	1243657
1542637	1345627	Bob
1524367	1354267	1423567

These being repeated three Times, completes the Peal.

PLAIN BOB TRIPPLES, *eight hundred and forty*

Hunts 1 6 5 7.

1352746	1657234
*1357624	1526473
1563472	*1524367
1645237	1235746
1426753	1372654
1274365	1763425
*1273546	1647532
*1275634	1456273
1762453	*1452367
1647325	1534726
1436572	*1537642
*1435267	1365274
*1432756	1623457
1374625	1246735
1763542	1472563

This being repeated twice, goes the above Number complete, and by calling a Bob at the End of the eight hundred and forty, it will in three Courſes go a complete two thouſand five hundred and twenty.

The Changes here are only the Back-ſtroke Leadings of the Treble, which is done to gain Room.

PLAIN

PLAIN BOB TRIPPLES, *five thousand and forty.*

Hunts 1 6 5 7.

1352746	1753246
*1357624	*1752634
1563472	1567423
1645237	1645372
1426753	1436257
1274365	1324765
*1273546	*1327546
*1275634	*1325674
1762453	1263457
1647325	1642735
1436572	1476523
*1435267	*1475362
1324756	*1473256
1273645	1724635
1762534	1267543
1657423	1652374
1546372	1536427
*1543267	*1534762
1425736	1375246
1274653	1723654
1762345	1267435
1637524	1642573
1356472	1456327
*1354267	*1453762
1523746	1574236
*1527634	*1572643
1265473	1765324
1642357	1637452
1436725	1346275
1374562	1423567

This is the first eight hundred and forty Changes of the whole Peal, which being repeated three Times, goes two thousand five hundred and twenty, which is the half Peal, where, by making a single Change in this Manner,

1243657
1243567.

And then by repeating the half Peal again, and making the Single at the End thus:

1234657
1234567.

The whole five thousand and forty is completed without having one Change twice over; therefore as the Peal is easy in it's Method, and complete with the sixth and seventh always meeting the right Way, that is to have, when they are together behind, the seven six at the hand Change of the Treble, and the six seven at the Back-stroke, I would advise the young Practitioners who are ambitious of ringing so many at one Time, to ring this, it being the most easy to do.

The Method to call the Bobs is thus; every Time the half Hunt is in fifth's and sixth's Places, Bob except the quarter Hunt is then above Fourth's, then the Bob is omitted, and every Time the half Hunt is behind when the quarter Hunt dodges in fifth's and sixth's Places, without the half quarter Hunt a Bob.

COLLEGE SINGLE TRIPPLES.

THE Courſe of this Peal is the ſame as the Peal on ſix Bells, excepting in that the Bell in fourth's Place lies ſtill, whilſt the two Bells behind are dodging, and in this, the Bells in fifth's Place lie ſtill whilſt they are dodging.

The Method is thus; the two Bells that the Treble leaves behind continues dodging together there, until ſhe comes up again and parts them; and when ſhe hath paſt fifth's Place going down, until ſhe comes up again to fifth's Place, every Bell from before makes fifth's Place and goes down again.

The Course of COLLEGE SINGLE TRIPPLES.

2143576	5137642	6174235
2415367	5316724	6712453
4251376	3561742	7612435
4523167	3657124	7264153
5432617	6375214	2746513
5346271	6732541	2475631
3564721	7623451	4257361
3657412	7264315	4523716
6375142	2746135	5432176
6731524	2471653	5341267
7613542	4217635	3514276
7165324	4126735	3152467
1756342	1462735	1325476
1573624	1647253	1234567

The Course of this Peal are only three Treble, leading in which are only forty-two Changes, which are all Tripples; so likewise are the whole Compliment, which is five thousand and forty. To make a Bob in this Peal, you must observe, that at the Hand Change of the Treble, the three hind Bells make this Alteration.

7165324
1756234
1572643

COLLEGE SINGLE TRIPPLES, *one hundred and twenty six.*

Bob	Bob	Bob
1756234	1756423	1756342
1572643	1574632	1573624
1364725	1263745	1462735
1637452	1627354	1647253
1245376	1435276	1325476
1423567	1342567	1234567

COLLEGE SINGLE TRIPPLES, *one hundred and sixty eight.*

1756342	1756423	1756234
1573624	1574632	1572643
Bob	Bob	Bob
1462573	1263574	1364572
1645237	1625347	1635427
Bob	Bob	Bob
1723645	1734625	1742635
1276354	1376452	1476253
1435276	1245376	1325476
1342567	1423567	1234567
Bob	Bob	Bob

COLLEGE SINGLE TRIPPLES, *two hundred and ten.*

IN this Peal the ſixth is the half Hunt, and the Method to call it is thus: every Lead Bob, except when ſhe is dodging behind, which is at every third Leading of the Treble, at which Place ſhe comes home, that is, into her own Place again, having then finiſhed her Revolution, ſhe doing every three Leads the ſame Thing over again, until the Peal is completed, which is five Times.

Bob
1756234
1572643
Bob
1364572
1635427
1742356
1473265

The five Back-ſtrokes leading of the Treble, at the End of each Courſe, where the half Hunt is at home, are thus.

1473265
1357462
1725364
1542763
1234567

COLLEGE SINGLE TRIPPLES, *four hundred and twenty.*

IN this Peal, the ſixth and ſeventh are the half and quarter Hunts, and do both work the ſame, as in two hundred and ten, only to carry on the Peal. To this Number you muſt obſerve, that when the half Hunt is in the Middle, and the quarter Hunt is in ſecond and third's Places, that then the Bob muſt be omitted, which will bring them both home together at every fifteen Leads, where they have then both worked their Revolution, which being repeated twice completes the Peal.

Theſe are only the backſtroke Leadings of the Treble.

1573624	1274653
*1645237	*1632547
1274365	1573462
*1352647	*1425637
*1673425	*1674352
1457263	1327564
*1234675	*1543672
*1652743	*1625734
1735462	1742365
*1427653	*1357624
*1634572	*1643275
1523764	1254763
1742653	1735624
*1637524	*1647253
1543267	1232567.

The Croſs againſt each treble Leading, denotes which are the Bobs, and the firſt and thirteenth Treble Lead in each fifteen Leads, when the ſeventh is before, are the Places where the Bobs are omitted, being four only.

COLLEGE SINGLE TRIPPLES, *ſix hundred and thirty.*

THIS Peal is the two hundred and ten, three Times repeated, which is done by omitting only the firſt Bob in each Courſe, or treble Leadings.

1573624	1574632	1572643
*1645237	1625347	1635427
1274365	1372465	1473265
*1352647	1453627	1254637
*1673425	1674235	1672345
1457263	1257364	1357462
*1234675	1342675	1423675
*1652743	1653724	1654732
1735462	1745263	1725364
*1427653	1237654	1347652
*1634572	1642573	1623574
1523764	1534762	1542763
*1745632	1725643	1735624
*1627354	1637452	1647253
1342567	1423567	1234567

The Hunts or Bells that are at home at the End of each fifteen Leads, are the fifth, ſixth, and ſeventh.

COLLEGE SINGLE TRIPPLES, *one thouſand two hundred and ſixty.*

THIS Peal is the four hundred and twenty, three Times repeated, which is done by not omitting the Bob where the fifth and ſeventh are together before, which is at the firſt Lead in each four hundred and twenty.

*1572643	1473652
*1635427	*1624537
1473265	1572364
*1254637	*1345627
*1672345	*1673254
1357462	1247563
*1423675	*1532674
*1654732	*1645723
1725364	1734265
*1347652	*1257643
*1623574	*1632475
1542763	1453762
1734652	1725643
*1627543	*1637452
1532467	1423567

COLLEGE SINGLE TRIPPLES,
five thouſand and forty.

Hunts 1675.

THIS Number is the whole on ſeven Bells, which are produced by the following Method, *viz.*

Every Time the half Hunt is in ſecond and third's Places, a Bob; and every Time ſhe is in the Middle, a Bob, except when the quarter Hunt is in ſecond and third's Places, without the half quarter Hunt, then the Bob muſt be omitted, which produces the preceding one thouſand two hundred and ſixty; but to go on with the Peal three Leads, before it comes round, when the half Hunt is in the Middle, and the quarter is in ſecond and third's Places, call a Bob, which will bring this Change 1435267 at the End of the firſt Quarter, from whence you muſt purſue the foregoing Method for the next quarter Peal, obſerving, that at the ſame Diſtance from the two thouſand five hundred and twenty, when the half Hunt is in the Middle, and the quarter hunt is in ſecond and third's Places, inſtead of making a Bob, to make a double Change at the Hand Change, thus:

The firſt Double	3167245
	1376245
The laſt Double	5167342
	1376542

At

At each Double the Bells in fifth, ſixth, and ſeventh Places lying ſtill, which completes the whole.

The two half Peals are exactly the ſame, the ſecond being the half quarter Hunt in the laſt Half, inſtead of the fifth.

*1572643	*1574632	*1573624
*1635427	*1625347	*1645237
1473265	1372465	1274365
*1254637	*1453627	*1352647
*1672345	*1674325	*1673425
1357462	1257364	1457263
*1423675	*1342675	*1234675
*1654732	*1653724	*1652743
1725364	1745263	1735462
*1347652	*1237654	*1427653
*1623574	*1642573	*1634572
1542763	1534762	1523764
1734652	1723654	1742653
*1627543	*1647532	*1637524
1532467	1524367	1543267
1473652	1372654	1274653
*1624537	*1643527	*1632547
1572364	1574263	1573462
*1345627	*1235647	*1425637
*1673254	1672453	*1674352
1247563	1437562	1327564
*1532674	*1524673	*1543627
*1645723	*1635724	*1625734
1734265	1723465	1742365
*1257643	*1457632	*1357624
*1632475	*1624375	*1643275
1453762	1352764	1254763
1725643	1745632	*1732645
*1637452	*1627354	*1657423
1423567	1342567	1435267

In the next Quarter the Bells are thus; the half quarter Hunt being in a different Position, notwithstanding it is called by the same Method.

1273645	1374625	1472635
*1652437	*1653247	*1654327
1475362	1275463	1375264
*1324657	*1432657	*1243657
*1673542	*1674523	*1672534
1527463	1537264	1547362
*1435672	*1245673	*1325674
*1624753	*1632754	*1643752
1732564	1743562	1724563
*1547623	*1527634	*1537642
*1635274	*1645372	*1625473
1243765	1324765	1432765
*1752634	*1753642	*1754623
*1647325	1627435	1637245
1354267	1452367	1253467
1275634	*1375642	1475623
*1642357	*1623457	*1634257
1374562	1472563	1273564
*1523647	*1534627	*1542637
*1675432	*1675243	*1675324
1427365	1237465	1347265
*1354672	*1452673	*1253674
*1623745	*1634725	*1642735
1752463	1753264	1754362
*1437625	*1247635	*1327645
*1654273	*1652374	*1653472
1235764	1345762	1425763
1743625	1724635	1732654 Double
*1657234	*1657342	*1647523
1245367	1325467	1534267

UNION

UNION TRIPPLES.

The first Treble Lead.

IN this Peal, when the Treble is going to lead, the Bell in fifth's Place lies ſtill, and the two Bells behind make a Dodge; in every Thing elſe it is *Grandſire Tripples.*

2135476	
2314567	1724365
3241657	1273456
3426175	1426537
4362715	1245673
4637251	1623754
6473521	1267345
6745312	1325476
7654132	1234567
7561423	
5716243	
5172634	
1527643	
1256734	

The Bob is exactly the ſame as *Grandſire Tripples.*

5172634
Bob
1576243
1752634

One

One hundred and twelve.

To ring this Peal, you muſt call one Bob the firſt Lead, and miſs the next by Turns.

One hundred and twenty ſix.

In this Peal, you muſt call Bobs the two firſt Leads, and miſs the third. Goes in three Courſes.

Two hundred and ten.

In this Peal call Bob every Time, the ſixth and ſeventh dodge together behind three Courſes.

Two hundred and eighty.

Call two before by the ſeventh, and one when the ſixth and ſeventh dodge together behind two Courſes.

Three hundred and fifty.

Call one before, and three with ſixth and ſeventh behind, then two before.

Or you may call three before, and three behind, with ſixth and ſeventh each of the Ways it is only one Courſe.

Four hundred and ſixty two.

Call into the Hunt and a Double twice, and one before goes in three Courſes.

Four

Four hundred and forty eight.

Call twice into the Hunt, and a Double twice, and one before, goes in two Courſes.

Five hundred and ſixty.

Call three before, one behind, then one before and one behind, goes in two Courſes.

Four hundred and twenty.

Hunts 1 6 7 5.

THE Method to call this Peal is, every Time the half Hunt is in the Middle Bob, and every Time the quarter Hunt dodges behind, when the half Hunt is before Bob, which carries the Peal in two Courſes.

*1752634	*1734652
1763452	1765234
1745263	1723465
*1327645	*1547623
1563427	*1365247
1542763	1324765
*1375642	*1573624
*1263475	*1465273
1247563	1427365
*1352647	*1534627
1364752	1562734
1375264	1573462
*1432675	*1245673
1467523	1267345
1452367	1234567

One thouſand two hundred and ſixty.

This muſt be called thus; every Time the half Hunt is in the Middle Bob, and every Time the quarter Hunt is behind, when the half Hunt is before, except the half quarter Hunt is with her, then the Bob muſt be omitted, which carries the Peal in three Courſes.

And at the End of this Peal, by calling a Bob when the ſixth and ſeventh are together behind, the backſtroke Change will be 1532467, and then by repeating the ſame Method, ſtill obſerving the ſame Bells for the Hunts, it will carry the Peal two thouſand five hundred and twenty, where, at the Hand Change of the Treble, there muſt be a Double Change made thus:

3145267
Double 1ſt
1452763
4576321

Then by calling the next half Peal in the ſame Manner, the laſt Double will be

3125467
Double
1325476
1234567.

Which completes the five thouſand and forty.

CHANGES

CHANGES

ON

EIGHT BELLS.

THE Changes on this Number of Bells do conſiſt of Quadruples and Tripples alternately; the Hand Change being generally the Quadruple, and the Backſtroke the Tripple, which Tripple Change may be made many Ways.

BOB MAJOR, *or* PLAIN GRANDSIRE BOB *on Eight.*

IN this Peal the Bells have all a direct hunting Courſe, the ſame as the Treble, until ſhe leads, and then the Bell in ſecond's Place

Place lies ſtill, whilſt the other ſix make a ſingle Dodge.

21436587	15372846
21463857	15738264
42618375	17583624
46281735	17856342
64827153	18765432
68472513	18674523
86745231	16847253
87654321	16482735
78563412	14628375
75836142	14263857
57381624	12436587
53718264	12345678
35172846	The
31527486	Courſe.
13254768	
13527486	

When a Bob is made inſtead of the Bell in ſecond's Place lying ſtill, the Bell in fourth's Place lies ſtill thus.

13254768
12357486

BOB MAJORS.

160.	240.
13256847	13254768
13527486	Bob
15372840	12357486
Bob	13275840
13578264	13728564
15387624	17382654
Bob	17836245
13586742	18763425
15368472	18674352
Bob	16847532
13564827	16485723
15346287	14658273
15432678	14562837
	15426387
	Bob
	14523678

BOB MAJORS.

336.

13254768
Bob
12357486
13275846
13728564
17382654
17836245
18763425
18674352
16847532
16485723
14658273
14562837
15426387
15243678
Three
Courſes

17382654
17836245
18763425
18674352
16847532
16485723
14658273
14562827
15420387
Bob
14523678
15432768
15342786
13574826
Bob
15378462
13587642
Bob
15386724
13568274
Bob
15362847
13526487
13254678
Two
Courſes

384.

13254768
Bob
12357486
13275846
13728564

BOB MAJORS.

448.

12357486
13728564
17836245
18674352
16485723
14562837
15243678
15237486
12758364
17826543
18674235
16483752
16435827
14562378
14527683
15748236
17853462
18376524
13682745
13624857
16435278

560.

14567382
15748632
17852436
18273564
12386745
12364857
12345678
12357486
13728564
17836245
18674352
16485723
14562837
15243678
15237486
12758364
17826543
18674235
16483752
14365827
13542678
13527486
15738264
17856342
18674523
16482735
14263857
14235678
12547386
15728463
17856234
18673542
16384725
13462857
13425678
14537286
15748362
17856243
18672534
16283745
12364857
12345678

BOB MAJORS.

480.	672.
13527486	*12357486
*13578264	13728564
*13586742	17836245
*13564827	18674352
15432678	16485723
14257386	14562837
*14278563	*14523678
*14286735	*14537286
*14263857	15748362
14235678	17856423
	18672534
Three	16283745
Courſes.	12364857
	13425678
	Three
	Courſes.

BOB MAJORS, *seven hundred and eighty four.*

*12357486	16385742
13728564	13564827
17836245	15432678
18674352	*15427386
16485723	14758263
14562837	17846532
15243678	18673425
*15237486	16382754
12758364	13265847
17826543	12534678
18674235	*12547386
16483752	15728463
14365827	17856234
13542678	18673542
*13527486	16384725
15738264	13462875
17856342	*13425678
18674523	14537286
16482735	15748362
14263875	17856423
*14235678	18672534
*14257386	16283745
12748563	12364857
17826435	*12345678
18673254	

BOB MAJORS, *eight hundred and ninety six.*

13527486	*15427386
15738264	14758263
17856342	17846532
18674523	18673425
16482735	16382754
14263857	13265847
*14235678	*13254678
*14257386	12437586
12748563	14728365
17826435	17846253
18673254	18675432
16385742	16583724
13564827	15362847
*13542678	*15324678
15237486	*15347286
12758364	13758462
17826543	17836524
18674235	18672345
16483752	16284753
14365827	12465837
*14352678	14523678
13247586	*14537286
12738465	15748362
17826354	17856423
18675243	18672534
16584732	16283745
15463827	12364857
*15432678	12345678

BOB MAJOR, *one thousand and eight.*

*12357486
13728564
17836245
18674352
16485723
14562837
*14523678
15347286
13758462
17836524
18672345
16284753
12465837
*12453678
14327586
13748265
17836452
16875342
16582743
15264837
*15243678

Three Courses.

BOB MAJORS, *one thousand one hundred and twenty.*

*12357486	14263857
13728564	*14235678
17836245	*14257386
18674352	12748563
16485723	17826435
14562837	18673254
15243678	16385742
*15237486	13564827
12758364	15432678
17826543	*15427386
18674235	14758263
16483752	17846532
14365827	18673425
13542678	16382754
*13527486	13265847
15738264	*13254678
17856342	Two
18674523	Courſes
16482735	

One thousand two hundred and thirty-two.

In this Peal the ſixth, ſeventh, and eighth, are at home eleven Times, and the Changes are thus:

14523678	13254678
12453678	15324678
15243678	12534678
13542678	13425678
14235678	13425678
15432678	

BOB

BOB MAJOR, *one thouſand ſix hundred and eighty.*

13527486	*15236847
15738264	12654378
17856342	*12647583
18674523	16728435
16482735	17863254
*16423857	18375642
14365278	13584726
*14357682	*13542867
13748526	15236478
17832465	*15267384
18276543	12758643
12685743	17824536
*12654837	18743265
16423578	14386752
*16437285	*14365827
14768352	13542678
17845623	
18572436	Three
15283764	Courſes

And at the End of the one thouſand ſix hundred and eighty, inſtead of coming round, by calling a Bob, it will go in three Courſes, five thouſand and forty complete.

TREBLE BOB *on Eight, commonly called* UNION BOB.

The LEAD.

21436587	72584613
12435678	72856431
21346587	27584613
23164857	25748163
32618475	52471836
32164857	52748163
23618475	25471836
26381745	24517386
62837154	42153768
62381745	42517386
26837154	24153768
28673514	21435678
82765341	12346587
82673514	21345678
28765341	12436587
27856431	14263857

This Lead being repeated seven Times, goes two hundred and twenty-four Changes, which are the Number in the natural Course of this Peal.

To call four hundred and eighty is to miſs one Lead, and to call two Bobs.

14263857
*16423857
*12643857

Five Courſes.

To call ſix hundred and forty, is one before, one dodging the wrong Way behind, and two the right Way.

14263857
14682735
18674523
*17864523
16758342
15637284
*13567284
16325478
*12635478
*13265478

Two
Courſes.

To call eight hundred and ſixty four is one before, one behind the wrong Way, and one the right Way.

Three Courſes.

To call ſeven hundred and ſixty eight is one before, and one the right Way behind.

Three Courſes.

To call one thouſand one hundred and twenty is one before.

Five Courſes.

To call one thouſand four hundred and forty is one before and two behind the right Way.

Five Courſes.

To call five thouſand one hundred and twenty is four before two, the wrong Way behind, and two the right Way.

Five Courſes.

BOB MAJOR DOUBLE.

IN this Peal the Bells hunt until the Treble lies ſtill, either before or behind and at thoſe Times the Bell next her lies ſtill, and the other ſix make a ſingle Dodge, *&c.*

And at a Bob, when Treble is before, the Bell in fourth's Place lies ſtill, and the laſt four make a ſingle Dodge, *&c.*

21436587
24163857
42618375
46281735
64827153
68472513
86745231
68472531
86745213
87654123
78561432
75816342
57183624
51738264
15372846
15738264
18674523
14263857
13527486
17856342
16482735
12345678

The Courſe.

The Bobs are made in the ſame Manner as plain Bob Major, and all the Peals in that will be the ſame in this where the 7 8 comes Home at every ſeven Leads, obſerving always at every Bob to have the 7 8 in the ſame Places.

COLLEGE SINGLE *on Eight.*

IN this Peal the two Bells that the Treble leaves in ſeventh and eighth Places, thoſe two Bells dodge, and continue dodging, till it comes up again and parts them; every Bell that meets the Treble under the ſixth Place goes no higher, but lies a Pull in ſixth Place, and then moves down to lead; except at a Bob, and then the Bell in ſixth Place, when the Bob is called, moves up, and the Bell in ſeventh moves down; by the aforeſaid Method, without a Bob, it will go one hundred and twelve, two hundred and twenty four; but by making of Bobs it will go two hundred and twenty four, three hundred and thirty ſix, or ſix hundred and ſeventy two.

The COURSE.

12345678			
21436587	35867412	14328765	15237864
24163578	38576142	13482756	16847253
42615387	83751624	15762438	18674235
46251378	87315642	17526483	13254687
64523187	78136524	18436572	12345678
65432817	71863542	14863527	
56348271	17685324	12573846	
53684721	16758342		

To ring two hundred and twenty-four of this Peal, every Time the Half-hunt is in ſecond's Place going up, or in third's Place coming down, and the whole Hunt leads, a Bob muſt then be made, according to the foregoing Directions.

To ring three hundred and thirty-ſix of this Peal, every Time the Half-hunt is in third's Place coming down, and the whole Hunt leads, is warning for a Bob, to be made as aforeſaid.

To ring ſix hundred and ſeventy-two, you muſt make uſe of a Quarter-hunt; and every Time the Half-hunt is in the ſecond's Place going up, or in third's Place coming down, and the Quarter-hunt dodging behind, is warning for Bob to be made; the ſecond in either of theſe Peals may be made Half-hunt, and fourth the Quarter-hunt, or others at Pleaſure.

To

To ring one thouſand ſix hundred and eighty.

Every time the half Hunt is under ſixth's Place, a Bob, except the quarter Hunt is with her; without the half-quarter Hunt there at thoſe Places the Bobs muſt be omitted.

And to carry the Peal five thouſand and forty, the firſt Bob in each one thouſand ſix hundred and eighty, muſt be omitted, at which Places the 5 6 7 and 8 are undiſturbed.

COLLEGE EXERCISE.

THE Method to be obſerved in ringing this Peal is the ſame as Treble Bob, except when the Treble is before or behind.

When the Treble is making it's firſt Cut before, the Bells in third and fourth's Places lie ſtill.

When the Treble leads it's whole Pull, the Bell in ſecond's Place lies ſtill, and the Bells in third and fourth's Places make a ſingle Dodge.

When the Treble makes it's laſt Cut before, the Bell which made fourth's Place muſt make third's, and move up; and the Bell which made third's Place muſt make fourth's, and move down.

During

During the Time the Treble is before, the four Bells behind make a treble Dodge.

When the Treble is making it's firſt Cut behind, the Bells in fifth and ſixth's Places lie ſtill.

When the Treble lies it's whole Pull behind, the Bell in ſeventh's Place lies ſtill, and the Bells in fifth and ſixth's Places make a ſingle Dodge.

When the Treble makes it's laſt Cut behind, the Bell which made ſixth's Place muſt make fifth's Place, and move up; and the Bell which made fifth's Place muſt make ſixth's, and move down.

While the Treble is behind, the four Bells before make a treble Dodge; the Bell which came from behind takes the Hunt.

N. B. The Hunt changes before when the Treble is behind, except at a Bob; then the Bell which makes fourth's Place takes the Hunt.

CAMPANALOGIA: *Or,*

One Lead and a Bob, COLLEGE EXERCISE.

12345678	
21436587	82765314
12435678	87256134
21346587	78521643
23164857	78256134
32618475	87521643
32164857	85712463
23618475	58174236
26381745	58712463
62837154	85174236
62381745	81547326
26837154	18453762
28673514	81457326
82765341	18543762
28675314	18457326
82763541	18543762
28675341	Bob
82763514	18457326
28673541	

THE ingenious Performer having rang the foregoing Peals, will need no other Direction for ringing the following intricate Peal, than to carefully peruse it as pricked down, and he will be the best Judge which Method to take in order to ring it.

CAMBRIDGE

CAMBRIDGE SURPRIZE.

12345678	
21436587	54786213
12463857	45876123
21648375	54781632
26143857	57486123
62418375	75841632
62143857	57814362
26418375	75183426
62481735	75814362
26847153	57183426
28641735	51784362
82467153	15873426
28647513	51837246
82465731	15382764
84256713	15387246
48527631	Bob
84256731	15382764
48527613	13587246
45872631	

There are a great Number of ſeveral Peals to be pricked upon eight Bells; but our Deſign being not to ſtuff this Book with what is altogether unpractiſed, we ſhall therefore forbear to ſet down any farther Examples of what is not in the leaſt Uſe at this Time, nor ever was in Practice, which will only waſte both Paper and Time, and refer to Changes on nine Bells, for the Benefit and Advantage of thoſe Perſons, as have an Opportunity of practiſing the ſame.

OF

OF QUADRUPLES, OR CHANGES *on* NINE BELLS; *Commonly called* CATORS.

THE ordinary Courſe of ringing this Peal of *Quadruples* or *Cators*, is the ſame as that of *Grandſire Tripples*, there being, beſides the Treble, one Bell that is plain or ſecond Hunt, and hath the ſame Courſe in this Peal as in that: Every Bell in this Peal hath a hunting Courſe, till ſuch Time as the Treble leads, and then the Bell in third's Place lies ſtill, and the other ſix make a ſingle Dodge. By this Method it will go one hundred and twenty ſix, and by making of Bobs it will go one hundred eighty one thouſand four hundred and forty, and then by making a Tripple Change it will double the Peal to three hundred ſixty two thouſand eight hundred and eighty, being the complete Number of Changes on nine Bells.

This Peal of Cators is divided into ſeveral Parts or Peals, in which the chief Thing to be obſerved is the Method of calling the Bobs, they being in this Peal, as well as Tripples, divided into Parts or Courſes, as the Length of each Peal will admit; but that we way proceed gradually in this, as

all other Peals, we ſhall begin firſt with the Courſe of this Peal, and then proceed to give the neceſſary Directions for others.

The Courſe of GRANDSIRE CATORS.

123456789			
213547698	152739486	791826543	869413257
231456789	125374968	719285634	896142375
324165879	215739486	172958364	981624735
342618597	251374968	127593846	918267453
436281957	523147698	217958364	192876543
463829175	532416789	271593846	129785634
648392715	354261879	725139486	182694735
684937251	345628197	752314968	128967453
8694735 1	436582917	573241698	162483957
896745312	463859271	537426189	126849375
978654132	648395721	354762819	142365879
978561423	684937512	345678291	124638597
795816243	869473152	436587921	
759182634	896741325	463859712	132547698
571928364	987614235	648395172	123456789
517293846	978162453	684931527	

The next thing is, the Manner of making a Bob, which is the ſame in this Peal as in Tripples, *viz.* a double Dodge made upon the ſix hindmoſt Bells, there being two Bells that lie each of them a Pull in third's Place.

The firſt Part into which this Peal is divided is three hundred and twenty-four; to ring which, there are three Bobs to be made, that is, one every ſixth leading of the Hunt,

ſo

ſo that the laſt Bob brings the Bells round; or elſe firſt call the third into the plain Courſe, then let it hunt ſix Leadings; then call the fourth into the plain Courſe, and let it hunt ſix Leadings; the next, being the third Bob, the ſecond is called into the plain Courſe, which brings the Bells round, as in the following Peal.

Three hundred and twenty-four GRANDSIRE CATORS.

123456789			
152739486	Bob	138967254	194876532
125374968	143527698	163284957	149785623
172958364	134256789	136829475	184693725
127593846	153749286	Bob	148967352
192876543	135472968	124537698	164382957
129785634	173958462	142356789	146839275
182694735	137594826	154729386	Bob
128967453	193876524	145273968	132547698
162483957	139785642	174958263	123456789
126849375	183692745	147592836	

This Peal of three hundred and twenty-four may likewiſe be rung, by making of a Half-hunt, or Obſervation Bell therein, and then call for the firſt Bob when the Half-hunt is before the ſecond Bob; call the Half-hunt into the plain Courſe at the Diſtance of ſix Leadings; the third and laſt Bob is at the ſame Diſtance from the ſecond as the ſecond was from the firſt; and this brings the

the Bells into their proper Places again, and is to the ſame Effect as the foregoing Method.

The next Part of this Peal is five hundred and forty, in which there are ſix Bobs. The Obſervation Bell, or Half-hunt in the Peal prefixed, is the fourth; which being called into the Courſe, it muſt be called out the fifth Leading of the whole Hunt; the third Bob muſt be five Leadings Diſtance from the ſecond, by which the Half-hunt is called into the plain Courſe again; and this Method, with ſix Bobs, goes five hundred and forty Changes; but any Bell may be made Half-hunt, by obſerving to call it firſt into the Hunt, then out again at five Dealings, according to the foregoing Directions.

CATORS, *three hundred and ſeventy-eight.*

123456789			
Bob		Bob	Bob
157928364	152938476	135928476	159738264
175293846	125394867	153294867	195372846
197856243	192857364	Bob	179856342
179582634	129583746	198756342	197583624
187694523	182796543	189573624	Bob
178965423	128975634	178694523	186492735
Bob	172684935	187965432	168947253
164372859	127869453	Bob	Bob
146738295	162473859	164283759	142365879
Bob	126748395	146827395	124638507
132549687	143265798	Bob	132547698
123546978	124637589	123549678	123456789
		132456987	

Four

Four hundred and fifty.

One in fourth's Place, one in fifth Place, goes five Courſes.

Five hundred and forty-nine.

Into the Hunt, and a Double goes in five Courſes.

CATORS, *five hundred and forty.*

Hunts 1 4.

123456789			
152739486	128967453	Bob	154629387
125374968	Bob	134527698	145263978
172958364	164328579	143256789	Bob
127593846	146235897	Bob	132547698
192876543	Bob	162348579	123456789
129785634	152649387	126435897	
182694735	125463978	Bob	

Five hundred and ninety-four.

In the Hunt, and a Double twice, and one behind, goes three Courſes.

Six hundred and forty-eight.

One in ſeventh's Place, one in ſixth's Place, goes three Courſes.

Seven

Seven hundred and twenty.

One in fourth's Place, one in ſeventh's Place, one in fifth's Place, and one in ſixth's Place, goes four Courſes.

Eight hundred and ten.

Call two Bobs and miſs one, *&c.*

The nextPart is eight hundred and eighty two, in which there are ſeven Bobs, and it is called according to the ſame Method as three hundred and fifty Tripples; *viz.* every Time the whole Hunt comes to take lead of the Half-hunt, call Bob; and this Method, with ſeven Bobs, goes eight hundred and eighty-two; as follows.

Eight hundred and eighty-two CATORS.

Hunts 1 3.

Bob	Bob	Bob	Bob
135729486	139876542	136482957	132547698
153274968	193785624	163849275	123456789
Bob	Bob	Bob	
137958264	138694725	134265879	
173592846	183967452	143628597	

Nine hundred and eighteen.

One in fourth's Place, three in ſixth's Place, goes three Courſes.

Nine

Nine hundred and ninety.

One in fourth's Place, two in ſixth's Place, goes five Courſes.

The next Part of this Peal is one thouſand and eight, which is divided into ſeven Courſes, of three Bobs in a Courſe; to ring which, firſt call the Half-hunt out of the plain Courſe, at the fourth Leadings of the whole Hunt; the ſecond Bob is at the Diſtance of two Leadings from the firſt, when the Half-hunt will be dodging behind. The third and laſt Bob of this Courſe, is at the Diſtance of two Leadings from the ſecond; by which the Half-hunt is called into the plain Courſe again, and finiſhes the firſt Courſe of the Peal; the ſame Method muſt be obſerved to the End of the ſame.

One thouſand and eight CATORS.

Hunts 1 2.

Bob	19285476**3**	12739586**4**	Bob
18642395**7**	12958743**6**	Bob	18247693**5**
16824937**5**	Bob	14269385-	12874965**3**
Bob	16238547**9**	12496837**5**	Bob
13576942**8**	12683459**7**	Bob	13254769**8**
15367498**2**	Bob	15276938**4**	12345678**9**
Bob	17293854**6**	12567394**8**	

Note,

Note, *The Bob where this Mark* * *is placed, is the laſt Bob of the firſt Courſe in this, and the following Peals; and ſuch Bobs as follow after ſuch Mark are only the laſt Bobs of the remaining Courſes, contained in the foregoing and following Peals.*

This Peal of one thouſand two hundred and ſixty, is likewiſe divided into ſeven Courſes, of three Bobs in a Courſe; the Method whereof differs from that of one thouſand and eight only, that the half Hunt is not called out of the plain Courſe, until it hath hunted ſix Leadings: The other Bobs are by the ſame Method, and Diſtance from each other in this Peal as in that; as by the following Peal will plainly appear.

One thouſand three hundred and eighty-ſix CATORS.

Hunts 1 2.

Bob	162495837	127635948	Bob
143527698	126948573	Bob	192758346
134256789	Bob	152684379	129573864
Bob	182934765	125863497	Bob
179836524	128397456	142876953	132547698
197385642	Bob	124789635	123456789
* Bob	172369584	124789635	

The next Part of this Peal is one thouſand three hundred and eighty-ſix, being near the two hundred and ſixtieth Part of the Whole, in which there are ſeven Courſes, of two Bobs in a Courſe; to ring which, the half Hunt, which in the following Peal is the ſecond, muſt be called out of the Hunt, at ſix Leadings. The next Bob is at the Diſtance of five Leadings, by which the half Hunt is called into the plain Courſe again, which finiſhes the firſt Courſe; the ſame Method muſt be obſerved throughout the Peal.

One

One thouſand three hundred and fifty.

The following Changes are the Back-ſtroke Leads at every Bob in this Peal.

175293846
146738295
136427589
126354978
156293847
196582734
178946352
134728596
124357689
143257689
165493827
132647589
195384726
126947385
134256897
185374926
126849375
134256789
142356789
123456789

One thouſand three hundred and eighty-ſix CATORS.

Hunts 1 2.

Bob	182364957	127985643	* Bob
14352769[illegible]	128639475	* Bob	132547698
134256789	* Bob	152978463	123456789
* Bob	192683745	125794836	
162435879	129867354	* Bob	
126348597	* Bob	142759386	
* Bob	172896534	124573968	

One thouſand four hundred and forty.

One in fourth's Place, one in ſeventh's Place, one in fifth's Place, and two in ſixth's Place, goes five Courſes.

One thouſand nine hundred and eighty.

One in fourth's Place, one in ſeventh's Place, one in fifth's Place, and three in ſixth's Place, goes five Courſes.

The

The next Part being two thouſand ſeven hundred and ſeventy-two, and about theone hundred and thirtieth Part of the whole, is divided into ſeven Courſes, of four Bobs in a Courſe; the Method to be obſerved in calling this Peal is this; the firſt Bob, the half Hunt muſt dodge in ſixth and ſeventh's Places; the ſecond Bob is at the Diſtance of three Leadings from the firſt, when the half Hunt will dodge in fourth and fifth's Places with the Bell that was called out of the plain Courſe; the third Bob is at the Diſtance of ſeven Leadings, when the half Hunt is called into the plain Courſe; the fourth Bob is at the Diſtance of five Leadings, the half Hunt being then called out of the plain Courſe; and this finiſhes the firſt Part or Courſe of this Peal; the ſame Method goes the remaining Part of the ſame.

Two thouſand ſeven hundred and ſeventy-two CATORS.

Hunts 1 4.

Bob	148629357	173249586	Bob
135729486	* Bob	137425968	197348265
153274968	156842937	Bob	179432856
Bob	165849273	125643879	Bob
186452937	Bob	152468397	132547698
168549273	189746352	Bob	123456789
Bob	198473625	168945723	
184263975	Bob	186497532	

This Peal of five thouſand ſix hundred and ſeventy, being the ſixty-fourth Part of the Whole, is divided into ſeven Courſes, and ſeven Bobs in a Courſe; the firſt Bob the half Hunt dodges in ſixth and ſeventh's Places; the ſecond and third are both of them at the Diſtance of ſeven Leadings, at both which the half Hunt dodges behind; the fourth is at ſeven Leadings from the third, when the half Hunt dodges as at the firſt Bob; the fifth is ſeven Leadings further, when it dodges at fourth and fifth's Places; the ſixth it is called into the plain Courſe; the ſeventh and laſt Bob is at the Diſtance of three Leadings from the ſixth, the half Hunt being called out of the plain Courſe,

and

and this finiſhes the firſt Courſe; the ſame muſt be obſerved again to the End of the Peal as follows:

Five thouſand ſix hundred and ſeventy CATORS.

Hunts 1 4.

Bob	138694725	197485623	Bob
135729486	183967452	Bob	125749386
153274968	Bob	163245879	152473968
Bob	136482957	136428597	Bob
137958264	163849275	Bob	198643725
173592846	Bob	157948263	189467352
Bob	134265879	175492836	Bob
139876542	143628597	Bob	132547698
193785624	* Bob	186342957	123456789
Bob	179846532	168439275	

The next Part into which this Peal is divided contains one thouſand one hundred and thirty-four Changes, and is the two and thirtieth Part of the Whole, in which there are ninety-eight Bobs; theſe Bobs are divided into ſeven Parts or Courſes, containing fourteen Bobs in a Courſe; and the Method of calling them is thus; the two firſt Bobs, the half Hunt muſt dodge behind; the third Bob, in ſixth and ſeventh Places; the fourth Bob, in fourth and fifth's Places; the fifth Bob the half Hunt is called into the plain

plain Courſe, all which Bobs are at the Diſtance of ſeven Leadings each from the other; then the half Hunt muſt hunt ſix Leadings before it is called out of the plain Courſe; the next being the ſeventh Bob the half Hunt is before, at the Diſtance of ſix Leadings from the ſixth Bob; the eighth, ninth, tenth, eleventh, twelfth, and thirteenth Bobs are all of them at the Diſtance of ſeven Leadings each, the half Hunt being before at all of them, as at the ſeventh Bob; the fourteenth, and laſt Bob of this Courſe, is a Double Bob, being the very next Leading to the thirteenth, at which Bob the half Hunt muſt dodge in ſixth and ſeventh's Places, and this finiſhes the firſt Courſe of this Peal; and the ſame Method muſt be obſerved in every Courſe to the End of the ſame.

Eleven thouſand three hundred and forty CATORS.

Hunts 1 6.

Bob	Bob	Bob	Bob
135729486	183462957	167953284	178394625
153274968	138649275	176592348	187936452
Bob	Bob	Bob	Bob
137958264	168432957	169378542	159873642
173592846	186349275	196735824	195786324
Bob	Bob	Bob	Bob
139876542	164285379	163894725	127958634
193785624	146823597	136897452	172596843
Bob	Bob	Bob	Bob
138694725	162547893	184235679	145729683
183967452	126458739	148326597	154276938
Bob	Bob	Bob	Bob
136482957	165729438	193482657	132547698
163849275	156274983	139846275	123456789

This Peal of *Cators* is likewiſe divided into ſeveral other Parts, as the one ſixteenth Part, containing twenty two thouſand ſix hundred and eighty Changes; alſo the one eighth Part, containing forty five thouſand three hundred and ſixty Changes; the one fourth Part containing ninety thouſand ſeven hundred and twenty Changes; and the one half, containing one hundred and eighty one thouſand four hundred and forty, the whole being three hundred and ſixty two thouſand

eight hundred and eighty; any of which Peals being impoſſible ever to be rung, we therefore thought it needleſs to trouble the Reader with what was impoſſible for him ever to ring: For we may very reaſonably ſuppoſe that the laſt Peal of eleven thouſand three hundred and forty which to ring will require ten Hours Time, is more than any Perſon will ever adventure upon, it being impoſſible to ring a Bell ſo long; ſo that we need not doubt of being excuſed in omitting that only which would have been of no Uſe.

In Changes on ten Bells, you are only to obſerve the Methods on Eight, for every Peal or Method of calling Bobs in the one, will ſerve likewiſe for the other, always obſerving to keep the great Bells at each Bob in the ſame Order, *per* Example. In the Method of plain Bob, on eight, you call by the Tenor, one the wrong Way, the Peal will go three Courſes three hundred and thirty-ſix Changes. So likewiſe on ten Bells, if you call the ſame, it will come round in three Courſes five hundred and forty, and there will be no other difference than that on Ten, the Peal will contain more Changes, each treble Lead having more Changes therein, and each Courſe more treble Leads therein, *&c.*

Having now gone through, and laid down plain and eaſy Rules for Ringing, ſeveral moſt excellent and muſical Peals for Mirth and Recreation, it may not be amiſs

if

if, for the Inſtruction of thoſe that are not acquainted therewith, we may ſomewhat in brief of a Funeral or Dead Peal. It being cuſtomary not only in this City of *London*, upon the Death of any Perſon that is a Member of any of the *Honourable Societies* of Ringers therein, but likewiſe in moſt Countries and Towns in *England*, not only upon the Death of a Ringer, but likewiſe of any young man or woman, at the Funeral of every ſuch Perſon to ring a Peal; which Peal ought to be different from thoſe for Mirth, and Recreation, as the Muſic at the Funeral of any Maſter of Muſic or the Ceremony at the Funeral of any Perſon belonging to military Diſcipline, and may be performed two different Ways; the one is by ringing the Bells round at a ſet Pull, thereby keeping them up ſo as to delay their ſtriking, that there may be the Diſtance of three Notes at leaſt, according to the true Compaſs of ringing upon other Occaſions, between Bell and Bell; and having gone round one whole Pull every Bell, except the Tenor, to ſet and ſtand; whilſt the Tenor rings one Pull in the ſame Compaſs as before; and this is to be done whilſt the Perſon deceaſed is bringing to the Ground; and after he is interred to ring a ſhort Peal of round Ringing, or Changes in true Time and Compaſs, and ſo conclude. The other Way is called buffeting the Bells, that is, by tying Pieces of Leather, old Hat, or any other

other Thing that is pretty thick, round the Ball of the Clapper of each Bell, and then by ringing them as before is ſhewn; they make a moſt doleful and mournful Sound, concluding with a ſhort Peal after the Funeral is over, the Clappers being clear as at other Times; which Way of buffeting is moſt practiſed in the city of *London*.

FINIS.